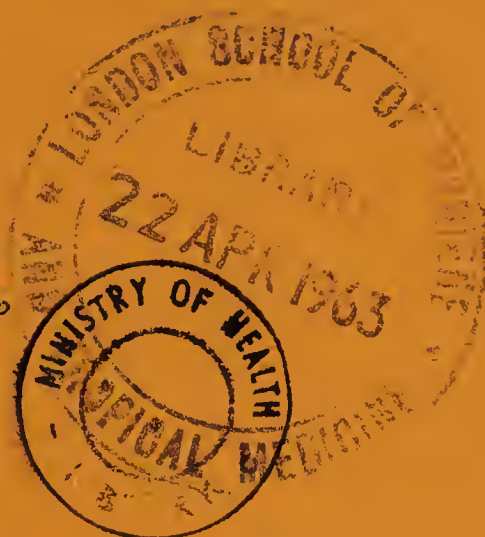


147
② *Miss Knowles*
④ *Library*

Borough of Worthing



ANNUAL REPORT

on the

HEALTH OF WORTHING

and

**Meteorological Observations
for the Year**

1958

G. H. PRINGLE

M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health

Sum W.

Page 28. Correction.

A line has been omitted at the foot of the table.
This should read:—

*“It has not been necessary to take action under the
Public Health (Prevention of Tuberculosis) Regulations,
1925, or under Section 172 of the Public Health Act,
1936.”*

Borough of Worthing



ANNUAL REPORT

on the

HEALTH OF WORTHING

and

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G. H. PRINGLE
M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health

HEALTH DEPARTMENT,
WORTHING LODGE,
STOKE ABBOTT ROAD,
WORTHING.
(TELEPHONE: WORTHING 7802)



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HEALTH DEPARTMENT,
WORTHING LODGE,
STOKE ABBOTT ROAD,
WORTHING.

July, 1959.

To the Mayor, Aldermen and Councillors of the Borough of Worthing.

MR. MAYOR, LADIES AND GENTLEMEN,

I present herewith my twelfth Annual Report on the Health of Worthing, together with the Meteorological Observations for the year.

Statistics.—The general health of the town was satisfactory during the year. The Infantile Mortality Rate of 21.2 per 1,000 was again low; it compares with a figure of 22.5 for England and Wales as a whole.

Infectious Diseases.—For the eleventh year in succession there were no cases of diphtheria. It is hoped that poliomyelitis vaccination will prove as successful as has immunisation against diphtheria. The increasing supplies of poliomyelitis vaccine made it possible to extend this form of protective treatment to the 15-26-years age group but the immediate response was disappointing. This position was completely altered early this year following the publicity given to the death from poliomyelitis of a well-known professional footballer.

At the end of the report there is a short summary of the work carried out in the Borough under the National Health Service Act, 1946, Part 3 Services.

I should like to express my appreciation of the helpful support and the interest taken in all the Health Services of the Borough by the Chairman and Members of the Health Committee and by other Members of the Council.

I also wish to record my sincere thanks to Dr. Aitken, my Deputy, to Mr. White and the District Inspectors and to every member of the staff for all their assistance and co-operation.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

G. H. PRINGLE,
Medical Officer of Health.

HEALTH COMMITTEE :

(as at 31st December, 1958)

Chairman: COUNCILLOR MRS. D. STAPLETON SKINNER, B.A.

Vice-Chairman: ALDERMAN T. A. CLIFFORD

ALDERMAN R. A. MITCHELL	COUNCILLOR G. HYDER
COUNCILLOR F. P. BEX	COUNCILLOR R. S. JARVIS
COUNCILLOR MRS. E. D. BIRCH	COUNCILLOR MRS. M. I. KEELE
COUNCILLOR C. W. W. COOPER	COUNCILLOR MRS. H. M. PERYER

HEALTH DEPARTMENT STAFF :

(as at 31.12.58)

Medical Officer of Health

G. H. PRINGLE, M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health

J. C. AITKEN, M.B., CH.B., D.P.H.

Chief Public Health Inspector S. S. WHITE, M.A.P.H.I., A.M.I.P.H.E.

Deputy Chief Public Health Inspector ... H. F. JOWETT, M.A.P.H.I.

District Public Health Inspectors : ... M. BLAKE
P. E. CHATTELLE, M.A.P.H.I.
G. T. PARSONS, M.A.P.H.I.

Clerical Staff :

Chief Clerk :	... ... ... ...	T. L. CANTON
Clerks :	... ... ... ...	MISS P. MOAKES MRS. H. M. J. BUTLER MRS. P. M. LOWE MISS B. H. GIBSON

Meteorological Observers : T. L. CANTON
M. BLAKE

Other Staff :

Rodent Operators :	F. J. MARIGOLD J. H. OGLESBY
---------------------------	---------------------	---------------------------------

Disinfector and General Assistant : ... F. A. McLOUGHLIN

GENERAL STATISTICS

Area of Municipal Borough, including foreshore	..	8512.742 acres
Population (Census 1921)	.. .. .	31,520
Population (Census 1931)	.. .. .	46,230
Population (Census 1951)	.. .. .	69,431
Registrar-General's Estimate of Resident Population (1958)	..	74,550
Number of inhabited houses (1921)	.. .. .	7,710
Number of inhabited houses (1958)	.. .. .	26,980
Rateable Value (1958)	.. .. .	£1,773,608
Sum represented by a penny rate (1958)	.. .. .	£7,300

VITAL STATISTICS

<i>Live births:</i>		<i>Males</i>	<i>Females</i>	<i>Total</i>
Legitimate	..	352	325	677
Illegitimate	..	21	10	31
		<hr/>	<hr/>	<hr/>
		373	335	708
		<hr/>	<hr/>	<hr/>

Live birth rate per 1,000 population (Standard)	.. .. .	9.5
„ „ „ „ „ „ (Corrected)	.. .. .	12.5

<i>Still-births:</i>		<i>Males</i>	<i>Females</i>	<i>Total</i>
Legitimate	..	5	3	8
Illegitimate	..	—	—	—
		<hr/>	<hr/>	<hr/>
		5	3	8
		<hr/>	<hr/>	<hr/>

Still-birth rate per 1,000 live and still-births	.. .. .	11.2
Total live and still-births	.. .. .	716

<i>Infant deaths:</i>		<i>Males</i>	<i>Females</i>	<i>Total</i>
Legitimate	..	10	4	14
Illegitimate	..	1	—	1
		<hr/>	<hr/>	<hr/>
		11	4	15
		<hr/>	<hr/>	<hr/>

Infant mortality rate per 1,000 live births—total	..	..	..	21.2
„ „ „ „ „ „ „ —legitimate	..	..	..	20.7
„ „ „ „ „ „ „ —illegitimate	..	..	..	32.2
Neo Natal (first four weeks) mortality rate per 1,000 births	..	..	..	15.5
Illegitimate live births per cent of total live births	..	..	..	4.4
Maternal deaths (including abortion)	..	..	..	—
Maternal mortality rate per 1,000 live and still-births	..	..	..	—
Deaths (all causes)	..	..	..	1,481
Death rate per 1,000 population (Standard)	..	..	..	19.9
„ „ „ „ „ (Corrected)	..	..	..	10.7
Mean annual temperature (1958	..	..	..	50.7 deg. Fahr.
Total rainfall (1958)	..	..	..	34.36 inches
Hours of bright sunshine (1958)	..	..	..	1601.5 hours
(Daily average, 4.38 hours; Summer, 5.99 hours; Winter, 2.77 hours)				

POPULATION

The Registrar-General's estimate of the mid-year population of Worthing was 74,550, as compared with 72,860 in 1957, and this estimate has been adopted for the purposes of the statistics contained in this Report.

BIRTHS

On analysis of the Vital Statistics set out in this section, it will be observed that the number of births (live and still) registered during 1958 was 716, of which 378 were males and 338 females; of these, 31 births (21 male and 10 female) were registered as illegitimate.

The Registrar-General provides a factor for the purpose of rendering the birth-rate of the Borough comparable with that of a district the population of which is of standard age and sex distribution. Accordingly the birth-rate is now multiplied by this factor which represents the birth-rate for comparison with other districts. The live birth-rate of Worthing for 1958 adjusted in this manner is raised from 9.5 to 12.5 per 1,000 of the population. The birth-rate for England and Wales is 16.4 per 1,000.

Illegitimate births numbered 31, or 4.33 per cent. of the total births.

STILL - BIRTHS

The registration of still-births is made compulsory by the Births and Deaths Registration Act, 1953.

During 1958 there were 8 still-births registered to Worthing residents representing a still-birth rate of 11.2 per 1,000 births (live and still) registered. None of the still-births was illegitimate.

DEATHS

The number of deaths registered in the Borough during 1958 was 1,445. Of these 214 were deaths of non-residents and were transferred to the districts in which the persons ordinarily resided. There were, on the other hand, 250 deaths of Worthing residents registered outside the Borough. The total (corrected) number of deaths assigned to the Borough was 1,481 (males 648, females 833). This gives a recorded death-rate of 19.9 compared with 11.7 for England and Wales. This recorded death-rate, however, which is a crude rate, cannot be used to compare the mortality with that of other districts as the populations of all areas are not similarly constituted as regards the proportions of their sex and age group components.

The Registrar-General supplies an "Area Comparability Factor" and the crude death-rate multiplied by this figure can then be compared with the death-rate of the country as a whole or with the mortality of any other local area. The corrected death-rate so obtained is 10.7 per 1,000 population.

INFANT MORTALITY

During 1958 the deaths of 15 infants under one year of age were registered. The total number of live births registered during the year was 708, giving an infantile mortality rate of 21.2 per 1,000 live births.

The infantile mortality rate for England and Wales in 1958 was 22.5.

There were 11 deaths of infants during the first four weeks of life (or 73.3 per cent. of the total infant deaths) as compared with 11 deaths (or 84.6 per cent.) in 1957.

The causes of the 15 infant deaths are shown in detail on page 16.

MATERNAL MORTALITY

There were no maternal deaths during the year.

CANCER MORTALITY

The number of deaths of Worthing residents from cancer was 269 (males 119, females 150) as compared with 262 in 1957, 245 in 1956, 228 in 1955, 235 in 1954, and 224 in 1953. The death-rate from the disease per 1,000 of the population was 3.61. The deaths from cancer constitute 18.2 per cent. of the total Worthing deaths during the year.

The following gives the comparative average death-rates from cancer in Worthing for quinquennial periods since 1910:—

1910-1914	..	..	1.32	1940-1944	..	..	3.11
1915-1919	..	..	2.01	1945-1949	..	..	3.06
1920-1924	..	..	1.94	1950-1954	..	..	3.43
1925-1929	..	..	2.29	1955	..	..	3.27
1930-1934	..	..	2.33	1956	..	..	3.42
1935-1939	..	..	2.53	1957	..	..	3.59
				1958	..	..	3.61

The following table shows the localisation of the disease in the case of the 269 deaths recorded.

Localisation					No. of deaths		
					Male	Female	Total
Stomach	..	..	..	..	12	17	29
Lungs	..	..	..	..	48	10	58
Breast	..	..	..	..	—	24	24
Uterus	..	..	..	..	—	6	6
Other and unspecified organs	..				59	93	152
Total	..				119	150	269

The number of deaths from lung cancer increased to 58 from last year's previous highest recorded number of 48.

The mortality from cancer during the last 20 years is shown as follows:

Year	Deaths		Total	Death rate per 1,000 of the population
	Males	Females		
1939 ..	57	106	163	2.66
1940 ..	82	104	186	2.73
1941 ..	69	92	161	2.88
1942 ..	76	113	189	3.47
1943 ..	79	90	169	3.22
1944 ..	68	109	177	3.27
1945 ..	80	124	204	3.48
1946 ..	76	120	196	3.02
1947 ..	84	116	200	3.00
1948 ..	80	103	183	2.71
1949 ..	95	118	213	3.10
1950 ..	87	150	237	3.47
1951 ..	104	144	248	3.64
1952 ..	87	116	203	3.01
1953 ..	92	132	224	3.16
1954 ..	97	138	235	3.43
1955 ..	100	128	228	3.27
1956 ..	105	140	245	3.42
1957 ..	110	152	262	3.59
1958 ..	119	150	269	3.61

This death rate is considerably higher than that for the country as a whole, and to a great extent this is accounted for by the high proportion of aged persons resident in the Borough. The rate for England and Wales in 1958 was 2.12 per 1,000 population.

INFLUENZA AND PNEUMONIA MORTALITY

There were 83 deaths from these diseases as against 74 in 1957, 68 in 1956, 48 in 1955, 46 in 1954 and 74 in 1953. The mortality rate per 1,000 of the population was 1.11, as compared with 1.01 in 1957, 0.95 in 1956, 0.69 in 1955, 0.67 in 1954 and 1.09 in 1953. The rate for England and Wales in 1958 was 0.62 per 1,000 population.

TUBERCULOSIS MORTALITY

Deaths registered from tuberculosis numbered 6, of which 3 were due to pulmonary tuberculosis.

The death-rate from tuberculosis was 0.08 per 1,000 population, compared with 0.04 in 1957, 0.08 in 1956, 0.13 in 1955, 0.19 in 1954 and 0.04 in 1953.

The rate for England and Wales in 1958 was 0.10 per 1,000 population.

DEATHS FROM HEART DISEASE

Of the 1,481 deaths, heart disease caused roughly 1 in every 3 (males 231, females 330). It represented 37.9 per cent. of the total deaths from all causes and was equivalent to a death rate of 7.51 per 1,000 of the population.

40 YEARS VITAL STATISTICS — TABLE 1

Year.	Deaths.													Registrar General's Popu- lation	
	Births.		All causes.		Infants under 1 year.		Maternal Mortality		Tuberculosis			Cancer.			
	No.	R.*	No.	R.*	No.	R.**	Sepsis.	Other Causes	Rate†	No.	R.*	No.	R.*		
1919	376	12.1	478	15.7	21	56	1	—	—	2.39	35	1.15	49	1.61	30,345
20	583	18.5	434	13.7	23	39	—	—	—	—	29	0.92	50	1.58	31,555
21	487	15.5	441	14.0	29	59	1	2	5.43	—	32	1.02	63	1.99	31,520
22	404	12.8	472	15.0	21	52	1	—	1.95	—	35	1.11	59	1.87	31,460
23	401	12.8	428	13.6	18	45	1	1	3.89	—	26	0.83	55	1.75	31,440
24	426	13.3	537	16.6	21	49	—	1	2.35	—	32	0.99	81	2.51	32,260
25	442	13.4	452	13.7	21	48	—	1	2.26	—	28	0.85	60	1.82	32,950
26	423	12.1	536	15.3	17	40	—	1	2.36	—	30	0.85	90	2.56	35,060
27	432	11.9	571	15.7	20	46	1	2	6.94	—	28	0.76	84	2.31	36,350
28	462	12.2	548	14.4	17	37	1	1	4.33	—	26	0.68	87	2.29	38,030
29	494	11.9	684	16.5	12	24	—	1	2.02	—	34	0.82	103	2.49	41,410
30	534	12.6	640	15.1	18	36	—	2	3.75	—	37	0.87	104	2.46	42,340
31	553	12.5	690	15.5	20	37	2	2	7.23	—	46	1.04	101	2.28	44,320
32	513	11.0	781	16.8	20	39	4	3	13.64	—	39	0.84	101	2.17	46,470
33	514	10.6	715	14.7	18	38	2	—	3.89	—	33	0.68	104	2.14	48,530
34	615	11.9	756	14.6	12	20	—	1	1.63	—	34	0.66	133	2.58	51,580
35	621	11.5	744	14.0	25	40	1	—	1.61	—	36	0.67	125	2.32	53,930
36	687	12.4	870	15.6	23	35	—	3	4.36	—	25	0.45	153	2.75	55,540
37	729	12.4	916	15.6	33	45	—	—	—	—	42	0.72	138	2.35	58,600
38	712	10.8	917	15.5	20	29	—	1	1.40	—	31	0.52	151	2.56	59,080
39	763	12.4	1035	16.9	18	23	1	1	2.60	—	26	0.34	163	2.66	61,210
40	657	9.6	1165	17.6	32	49	—	2	3.00	—	48	0.70	186	2.73	66,350
41	590	10.1	1044	18.7	22	36	—	1	1.80	—	39	0.70	161	2.88	55,710
42	724	13.3	1116	20.5	25	35	1	1	2.80	—	23	0.42	189	3.47	54,500
43	775	14.3	1073	20.4	24	32	—	3	3.90	—	33	0.63	169	3.22	52,500
44	924	17.1	1037	19.2	40	44	—	2	2.10	—	23	0.42	177	3.27	54,080
45	811	13.8	1173	20.0	31	39	—	1	1.20	—	32	0.54	204	3.48	58,620
46	1059	16.3	1223	18.8	50	48	—	—	—	—	22	0.34	196	3.02	64,860
47	1003	15.0	1251	18.7	31	32	—	—	—	—	26	0.38	200	3.00	66,750
48	861	12.8	1103	16.3	20	24	—	—	—	—	23	0.34	183	2.71	67,520
49	818	12.0	1209	17.8	16	20	—	1	1.20	—	18	0.26	213	3.10	67,940
50	714	10.4	1336	19.5	22	31	—	1	1.40	—	25	0.37	237	3.47	68,350
51	699	10.3	1375	20.2	17	25	—	—	—	—	18	0.26	248	3.64	68,060
52	658	9.7	1235	18.3	11	17	—	2	2.04	—	21	0.31	203	3.01	67,530
53	613	9.0	1308	19.3	16	27	—	1	1.63	—	3	0.04	224	3.16	67,770
54	659	9.6	1299	19.0	19	30	—	—	—	—	13	0.19	235	3.43	68,510
55	671	9.6	1269	18.2	13	20	—	—	—	—	9	0.13	228	3.27	69,840
56	701	9.8	1474	20.6	22	32	—	1	1.43	—	6	0.08	245	3.42	71,580
57	697	9.6	1338	18.4	13	19	—	—	—	—	3	0.04	262	3.59	72,860
58	716	9.5	1481	19.9	15	21	—	—	—	—	4	0.08	269	3.61	74,550

* Per 1,000 Population (unadjusted) ** Per 1,000 Live Births. † Per 1,000 Total (Live & Still)

TABLE II

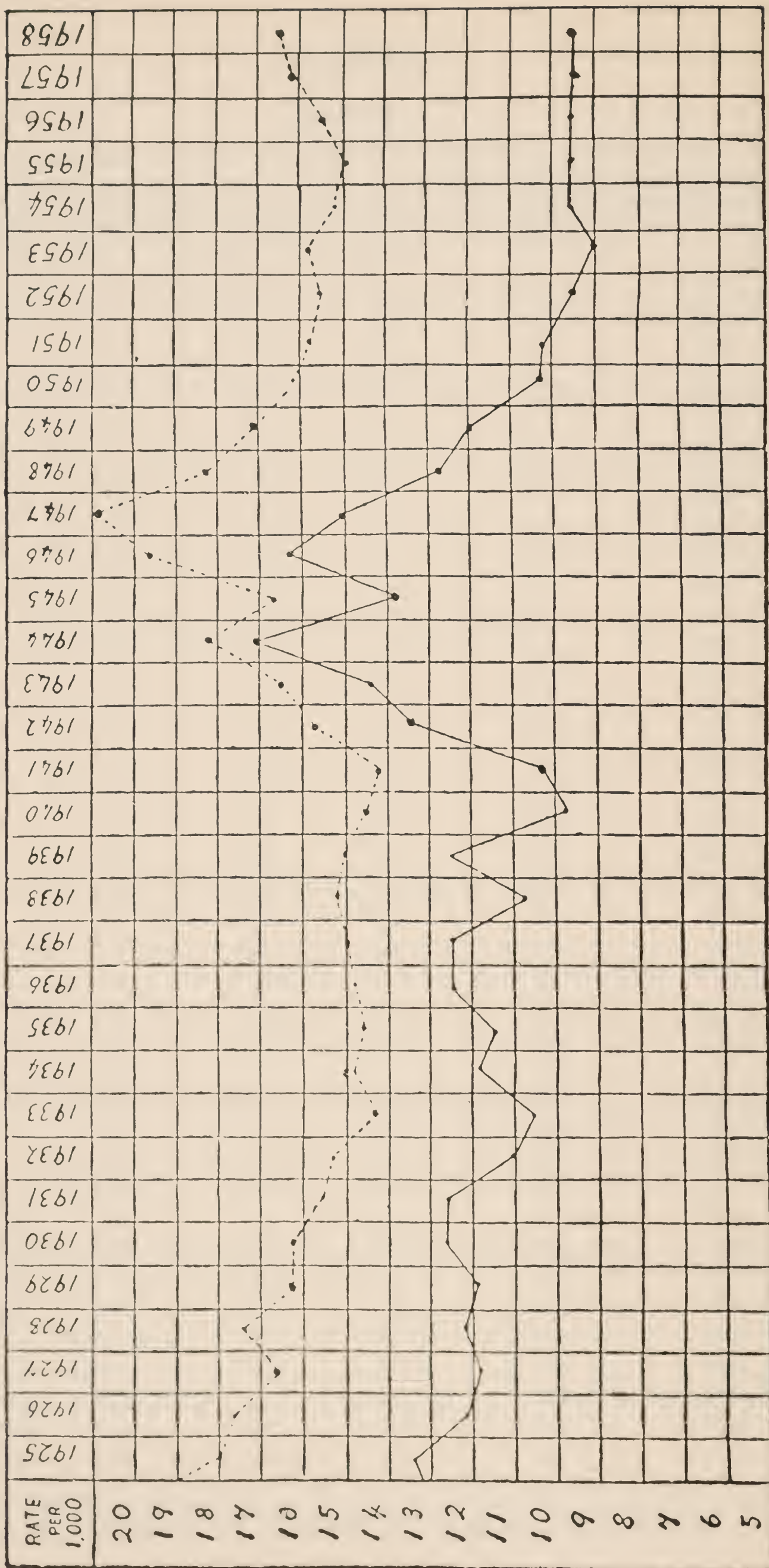
BIRTHS

The following table shows the number of births, and birth rate of Worthing, for the last 40 years.

		Total Births	Males	Females	Birth Rate	Adjusted Birth Rate
1919	..	376	179	197	12.1	—
1920	..	583	281	302	18.5	—
1921	..	487	265	222	15.5	—
1922	..	404	221	183	12.8	—
1923	..	401	214	187	12.8	—
1924	..	426	249	177	13.3	—
1925	..	442	223	219	13.4	—
1926	..	423	218	205	12.1	—
1927	..	432	223	209	11.9	—
1928	..	462	223	239	12.2	—
1929	..	494	242	252	11.9	—
1930	..	534	278	256	12.6	—
1931	..	553	299	254	12.5	—
1932	..	513	256	257	11.0	—
1933	..	514	255	259	10.6	—
1934	..	615	292	323	11.9	—
1935	..	621	296	325	11.5	—
1936	..	687	340	347	12.4	—
1937	..	729	378	351	12.4	—
1938	..	712	347	365	10.8	—
1939	..	763	400	363	12.4	—
1940	..	657	362	295	9.6	—
1941	..	590	305	285	10.1	—
1942	..	724	346	378	13.3	—
1943	..	775	417	358	14.3	—
1944	..	924	491	433	17.1	—
1945	..	811	427	384	13.8	—
1946	..	1059	536	523	16.3	—
1947	..	1003	527	476	15.0	—
1948	..	861	453	408	12.8	—
1949	..	818	444	374	12.0	—
1950	..	714	350	364	10.4	12.4
1951	..	699	383	316	10.3	12.2
1952	..	658	328	330	9.7	11.5
1953	..	613	321	292	9.0	10.7
1954	..	659	324	335	9.6	12.8
1955	..	671	354	317	9.6	12.8
1956	..	701	368	333	9.8	12.0
1957	..	697	341	356	9.6	13.1
1958	..	716	378	338	9.5	12.5

The birth rate for England and Wales for 1958 was 16.4 per 1,000

CHART SHOWING WORTHING UNADJUSTED BIRTH RATE SINCE 1925



(Dotted line represents Rate for England and Wales)

DEATHS

The total number of deaths assigned to Worthing after allowing for inward and outward transfers was 1,481, 648 males and 833 females, giving a crude death rate of 19.9 per 1,000 population.

The corrected death rate after adjustment is 10.7.

			Crude Death Rate	Adjusted Death Rate
1939	..	..	16.9	11.0
1940	..	..	17.6	11.1
1941	..	..	18.7	(no comparability factor issued).
1942	..	..	20.5	„
1943	..	..	20.4	„
1944	..	..	19.2	„
1945	..	..	20.0	„
1946	..	..	18.8	„
1947	..	..	18.7	„
1948	..	..	16.3	„
1949	..	..	17.8	10.0
1950	..	..	19.5	10.9
1951	..	..	20.2	11.1
1952	..	..	18.3	10.1
1953	..	..	19.3	10.6
1954	..	..	19.0	9.7
1955	..	..	18.2	9.3
1956	..	..	20.6	11.1
1957	..	..	18.4	9.9
1958	..	..	19.9	10.7

The death rate for England and Wales was 11.7.

TABLE III.
CAUSES OF DEATH — 1958

All Causes	Males 648	Females 833
Tuberculosis, Respiratory	3	—
Tuberculosis, other	3	—
Syphilitic Disease	3	2
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases	—	—
Malignant neoplasm, stomach	12	17
Malignant neoplasm, Lung, Bronchus	48	10
Malignant neoplasm, Breast	—	24
Malignant neoplasm, Uterus	—	6
Other malignant and lymphatic neoplasms	59	93
Leukaemia aleukaemia	6	6
Diabetes	4	—
Vascular lesions of Nervous System	92	156
Coronary disease, Angina	125	111
Hypertension with heart disease	9	21
Other heart disease	97	198
Other circulatory disease	16	27
Influenza	—	2
Pneumonia	43	38
Bronchitis	26	20
Other diseases of respiratory system	9	4
Ulcer of stomach and duodenum	7	2
Gastritis, enteritis and diarrhoea	1	6
Nephritis and nephrosis	9	4
Hyperplasia of prostate	13	—
Pregnancy, childbirth, abortion	—	—
Congenital malformations	3	3
Other defined and ill-defined diseases	39	51
Motor vehicle accidents	5	1
All other accidents	9	24
Suicide	6	7
Homicide and operations of war	1	—

The principal causes of death during the year were:—

Heart Diseases	561
Cancer	269
Intra-cranial vascular lesions	248
Pneumonia	81

DEATHS, AGE GROUPS — 1958

Age	Deaths	Age	Deaths
Under 1 year	15	35 to 44 years	13
1 to 2 years	3	45 to 54 ..	36
3 to 4 ..	3	55 to 59 ..	43
5 to 9 ..	—	60 to 64 ..	106
10 to 14 ..	1	65 to 69 ..	158
15 to 19 ..	3	70 to 79 ..	489
20 to 24 ..	3	80 to 89 ..	494
25 to 34 ..	7	90 years and over	107
Total number of deaths ... 1,481			

This analysis shows that 73.6 per cent. of the deaths were of persons aged 70 years of age and upwards.

The number of deaths occurring in the four quarters of the year was as follows:—

	Deaths	Adjusted Death rate per 1,000 Population	Rate for England & Wales
First Quarter	444	12.9	14.8
Second Quarter	357	10.3	11.1
Third Quarter	319	9.2	9.3
Fourth Quarter	361	10.5	11.7
	1481	10.7	11.7

TABLE. IV

BIRTH RATES, DEATH RATES,

AND INFANTILE MORTALITY RATES, 1938—1958

Years	No. of births	Unadjusted Birth rate per 1,000 of the population	No. of deaths	Unadjusted Death rate per 1,000 of the population	Infantile Mortality rate per 1,000 births
1938 ..	712	10.8	917	15.5	29
1939 ..	763	12.4	1035	16.9	23
1940 ..	657	9.6	1165	17.6	49
1941 ..	590	10.1	1044	18.7	36
1942 ..	724	13.3	1116	20.5	35
1943 ..	775	14.3	1073	20.4	32
1944 ..	924	17.1	1037	19.2	44
1945 ..	811	13.8	1173	20.0	39
1946 ..	1059	16.3	1223	18.8	48
1947 ..	1003	15.0	1251	18.7	31.9
1948 ..	861	12.8	1103	16.3	23.8
1949 ..	818	12.0	1209	17.8	19.5
1950 ..	714	10.4	1336	19.5	30.8
1951 ..	699	10.3	1375	20.2	24.6
1952 ..	658	9.7	1235	18.3	16.7
1953 ..	613	9.0	1308	19.3	26.6
1954 ..	659	9.6	1299	19.0	29.6
1955 ..	671	9.6	1269	18.2	19.8
1956 ..	701	9.8	1474	20.6	32.3
1957 ..	697	9.6	1338	18.4	18.7
1958 ..	716	9.5	1481	19.9	21.2

It will be noted from this table that the number of deaths has always exceeded the number of births during the last 21 years. There has been no “natural increase of the population” (*i.e.* excess of births over deaths) since the year 1921.

TABLE V
INFANTILE MORTALITY

The number of deaths under one year of age was 15 (11 males and 4 females), giving an infant mortality rate of 21.2 per 1,000 live births. The corresponding rate for England and Wales for the year under review was 22.5.

Year	No. of Infant Deaths	Proportion per 1,000 live births	Percentage of Total Deaths at all ages	Infant Mortality Rate in England and Wales
1932	20	39	2.5	65
1933	18	38	2.5	64
1934	12	20	1.6	59
1935	25	40	3.4	57
1936	23	35	2.6	59
1937	33	45	3.6	58
1938	20	29	2.2	53
1939	18	23	1.7	50
1940	32	49	2.7	55
1941	22	36	2.1	59
1942	25	35	2.2	49
1943	24	32	2.2	49
1944	40	44	3.8	46
1945	31	39	2.5	46
1946	50	48	4.2	43
1947	31	31.9	2.4	41
1948	20	23.8	1.8	34
1949	16	19.5	1.3	32
1950	22	30.8	1.6	30
1951	17	24.6	1.3	30
1952	11	16.7	0.9	28
1953	16	26.6	1.2	27
1954	19	29.6	1.5	26
1955	13	19.8	1.0	25
1956	22	32.3	1.5	24
1957	13	19.2	1.0	23
1958	15	21.2	1.0	23

The causes of deaths of children under one year for the last 5 years are as follows:—

Cause of Infant Deaths	Deaths of infants under one year of age.				
	1954	1955	1956	1957	1958
Premature Births	8	6	5	2	4
Congenital Malformations ..	1	—	4	3	—
Pneumonia	2	1	8	2	2
Atelectasis	3	2	—	—	2
Asphyxia	—	—	1	1	—
Spina Bifida	—	—	—	—	—
Gastro Enteritis	—	1	1	—	—
Inflammation of Lungs ..	1	—	—	—	—
Intra-Cranial Haemorrhage ..	1	1	1	2	1
Meningitis	2	—	—	—	1
All other causes	1	2	2	3	5
TOTALS	19	13	22	13	15

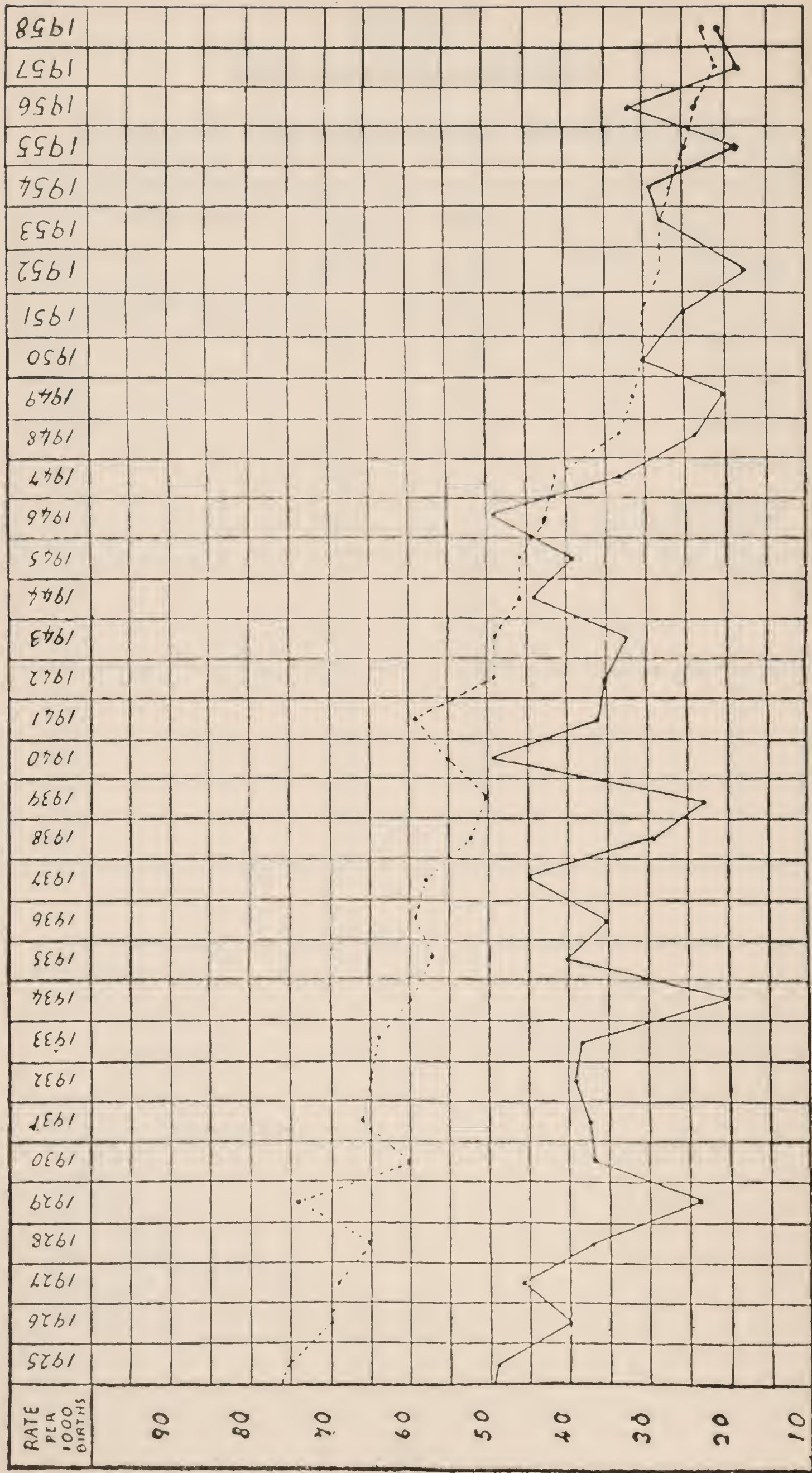
TABLE VI

INFANTILE DEATHS — 1958

TABLE SHOWING CAUSES AND AGES AT DEATH

Cause	Age in weeks				Total under 1 Month	Age in months					Total (All Ages)
	0-1	1-2	2-3	3-4		1-2	2-3	3-6	6-9	9-12	
Prematurity	4	—	—	—	4	—	—	—	—	—	4
Pneumonia	—	1	—	—	1	1	—	—	—	—	2
Atelectasis	2	—	—	—	2	—	—	—	—	—	2
Meningitis	1	—	—	—	1	—	—	—	—	—	1
Intra-Cranial Haemorrhage	1	—	—	—	1	—	—	—	—	—	1
Other Causes	2	—	—	—	2	—	—	3	—	—	5

CHART SHOWING WORTHING INFANTILE MORTALITY RATE SINCE 1925



(Dotted line represents Rate for England and Wales)

WATER SUPPLIES

The water supply undertaking is owned and managed by the Borough Council.

The following information regarding the water supply has been supplied by Mr. H. A. Leader, Assoc.M.Inst.C.E., Assoc.M.Inst.W.E., Borough Water Engineer.

1. The water supply of the statutory area has been very satisfactory in both quality and quantity throughout the past year.
2. Bacteriological examinations are made once a fortnight of both the raw and chlorinated water, whilst chemical examinations of the raw water are made once a month.
3. The water has no plumbo-solvent action.
4. No contamination of supplies has been reported.
5. The population supplied during the year ended December, 1958, was 79,471, all supplies being direct to the houses and no standpipes being used. The area supplied includes the Parishes of Clapham, Patching and Sompting, and in the entire area there are 67 houses (approximate population 200) without a piped water supply.

In addition, water was supplied to the Worthing Rural District Council, and re-distributed by that Authority to a population of 13,801.

THE COUNTIES PUBLIC HEALTH LABORATORIES

66 Victoria Street,
London, S.W.1.

Chemical Water Report

The sample of water marked 48" Borehole, Broadwater Pumping Station, received here on 5.3.58, has been chemically examined as follows:—

CHEMICAL RESULTS IN PARTS PER MILLION

Appearance	Clear and bright	Metals	Absent
Colour	Nil	Turbidity	Nil
pH	7.3	Odour	Nil
Electric Conductivity	450	Free Carbon Dioxide	22
Chlorine present as Chloride	24	Total Solids	305
Hardness: Total 230—		Alkalinity as Calcium Carbonate	205
Carbonate 205; Non-carbonate	25	Nitrite Nitrogen	Absent
Nitrate Nitrogen	6.1	Oxygen Absorbed	0.10
Ammoniacal Nitrogen	0.000	Residual Chlorine	Absent
Albuminoid Nitrogen	0.000		

This sample is clear and bright in appearance, neutral in reaction and free from iron and other metals. The water is hard in character but not unduly so, and it contains no excess of mineral constituents in solution. It is of the highest standard of organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes.

10th March, 1958.

(Signed) GORDON MILES, B.SC., F.R.I.C.

THE COUNTIES PUBLIC HEALTH LABORATORIES

66 Victoria Street,
London, S.W.1.

Chemical Water Report

The sample of water marked 30" Borehole, Patching Pumping Station, received here on 28.10.58, has been chemically examined as follows:—

CHEMICAL RESULTS IN PARTS PER MILLION

Appearance	Clear and bright	Albuminoid Nitrogen	0.000
Colour	Nil	Metals	Absent
pH	7.3	Turbidity	Nil
Electric Conductivity	440	Odour	Nil
Chlorine present as Chloride	20	Free Carbon Dioxide	20
Hardness: Total 235—		Total Solids	305
Carbonate 200; Non-carbonate 35		Alkalinity as Calcium Carbonate	200
Nitrate Nitrogen	4.5	Nitrite Nitrogen	Absent
Ammoniacal Nitrogen	0.000	Oxygen Absorbed	0.15
		Residual Chlorine	Absent

This sample is clear and bright in appearance, neutral in reaction and free from iron and other metals. The water is hard in character but not unduly so, and it contains no excess of mineral constituents in solution. It is of the highest standard of organic quality.

From the aspect of the chemical analysis the results are indicative of a pure and wholesome water suitable for public supply purposes.

(Signed) GORDON MILES, B.SC., F.R.I.C.

7th November, 1958.

PUBLIC HEALTH LABORATORY,
ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON

Bacteriological Water Analysis

On sample marked 48" Borehole, Broadwater Pumping Station.

Lab. Ref. No. 238072. Received 4.3.58.

Plate Count. 1 day at 37°C. less than 1.

Probable number of coliform bacilli per 100 ml.—less than 1.

Date of report, 6.3.58.

J. E. JAMESON,
Director.

PUBLIC HEALTH LABORATORY,
ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON

Bacteriological Water Analysis

On sample marked 30" Borehole, Patching Pumping Station.

Lab. Ref. No. 259351.

Received 28.10.58.

Plate Count. 1 day at 37°C. 2

Probable number of coliform bacilli per 100 ml.—less than 1.

Date of report, 30.10.58.

J. E. JAMESON,
Director.

SWIMMING BATHS

These were regularly inspected by the Medical Officer of Health and the Public Health Inspectors. Frequent examinations of the water were carried out and the results showed that a satisfactory standard of purity was maintained.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Notifiable Infectious Diseases

The following are the infectious diseases which are now notifiable to the Medical Officer of Health:—

- Scarlet fever
- Whooping cough
- Diphtheria
- Measles
- Acute pneumonia (primary or influenzal)
- Meningococcal infection
- Acute poliomyelitis—
 - paralytic
 - non-paralytic
- Acute encephalitis—
 - infective
 - post-infectious
- Dysentery
- Ophthalmia neonatorum
- Puerperal pyrexia
- Smallpox
- Typhoid and Para-typhoid fevers
- Food poisoning
- Erysipelas
- Malaria
- Cholera
- Plague
- Typhus fever
- Relapsing fever
- Tuberculosis (all forms)

NOTIFIED INFECTIOUS DISEASES — 1958 (Corrected in Cases of Revised Diagnosis)

	Under 1 year	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-64	65 and over	Total	Admitted to Isolation Hospital
Scarlet Fever ...	—	—	—	—	2	9	6	—	—	—	—	—	—	17	12
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	1	1	5	2	2	12	1	—	—	—	—	—	—	24	—
Measles ...	12	24	39	47	49	235	5	4	—	2	1	—	—	418	1
Pneumonia ...	—	—	—	—	—	—	1	—	—	—	1	3	1	6	—
Acute Poliomyelitis (Paralytic) ...	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1
Acute Poliomyelitis (Non-Paralytic) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	—	—	—	—	—	1	—	1	—	—	—	—	—	2	2
Ophthalmia Neonatorum ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1
Meningococcal Infection ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	6	3	9	2
Food Poisoning ...	—	—	—	—	—	1	1	—	—	1	—	—	—	3	3
	13	25	44	49	53	258	14	6	—	4	2	9	4	481	22

DIPHTHERIA

For the eleventh year in succession there were no cases of Diphtheria in the Borough.

Immunisation before a child is 12 months old and a reinforcing injection at 5 years of age should still be considered an absolute rule for all.

MEASLES

Notifications for the year numbered 418. No deaths occurred and only 1 case needed hospital treatment.

WHOOPING COUGH

Notifications for the year numbered 24. There were no deaths.

SCARLET FEVER

The number of confirmed cases was 17, of which 12 were treated in hospital. There were no deaths, and in all cases admitted to hospital modern treatment modified the severity of the disease, shortened its duration and completely eliminated any complications.

ACUTE POLIOMYELITIS (INFANTILE PARALYSIS)

There was only one confirmed case during the year; a paralytic type in a girl of 16 years who made a complete recovery.

Vaccination against Poliomyelitis

At the end of December, 1958, a total of 8,612 persons had received two or more injections. Details of the scheme are given on page 59 of the Report.

ADMISSION OF CASES TO INFECTIOUS DISEASE HOSPITALS

The following Worthing cases were admitted during the year:—

Swandean Hospital

Scarlet fever	..	..	..	10
Streptococcal pharyngitis		..	..	1
Measles	..	..	..	1
Rubella	..	..	..	1
Dysentery	..	..	..	2
Erysipelas	..	..	..	1
Acute poliomyelitis (paralytic)	..	..		1
Food Poisoning	..	..	..	3
Cellulitis (leg)	..	..	..	1
Glandular fever	..	..	..	1
Gastro-enteritis	..	..	..	5
Acute tonsillitis	..	..	..	1
Observation cases	..	..	..	3
				—
				31
				—

Foredown Hospital

Scarlet fever	.	..	..	..	1
Puerperal pyrexia	..	..	..	..	1
Erysipelas	..	..	..	..	1
Infective Hepatitis	..	..	..	..	1
Rubella	..	..	..	..	1
Observation cases	..	..	..	..	6
					—
					11
					—

Burgess Hill Infectious Diseases Hospital

Scarlet fever	1
---------------	----	----	----	----	---

Grove Hospital, Westminster

Streptococcal infection	1
-------------------------	----	----	----	----	---

Portsmouth Infectious Diseases Hospital

Polyneuritis, with respiratory involvement	1
--	----	----	----	----	---

MASS RADIOGRAPHY

A Mobile Mass Radiography Unit of the South-West Metropolitan Regional Hospital Board, based at Saint Mary’s Hospital, Portsmouth, visited Worthing from 6th October to 17th November. The Unit occupied different sites throughout the town in the Central, Broadwater, Durrington and Goring areas, instead of remaining in one particular area as on previous visits, and was open to all over 14 years of age. Facilities were also provided for industrial groups, etc. This method ensured that a representative cross-section of the population was examined. Altogether, 9,043 persons were examined, compared with 9,777 when the last survey was made in October, 1956.

The following table shows details of the number of persons examined, together with final results :—

	Males	Females	Total
Number of miniature X-ray photographs	4,064	4,979	9,043
<i>Abnormal Findings:</i> Tuberculosis, cancer, and other abnormalities	27	44	81

Miniatures were made up as follows :—

General Public	..	..	5,984
Industrial Groups	..	..	3,036
Others	..	..	23

Twelve persons were found by the survey to be suffering from active pulmonary tuberculosis, requiring close clinic supervision or treatment, which represents an incidence of 1.3 per 1,000 examinees.

This compares with a national standard of 1.9 per 1,000 and the survey therefore indicates a low local incidence of pulmonary tuberculosis.

TUBERCULOSIS

35 cases of tuberculosis were added to the Register during 1958:—

Pulmonary—Males ..	23	Non-Pulmonary—Males ..	2
Females ..	9	Females ..	1
	—		—
	32		3
	—		—

49 cases were removed from the Register, and 1 old case was restored.

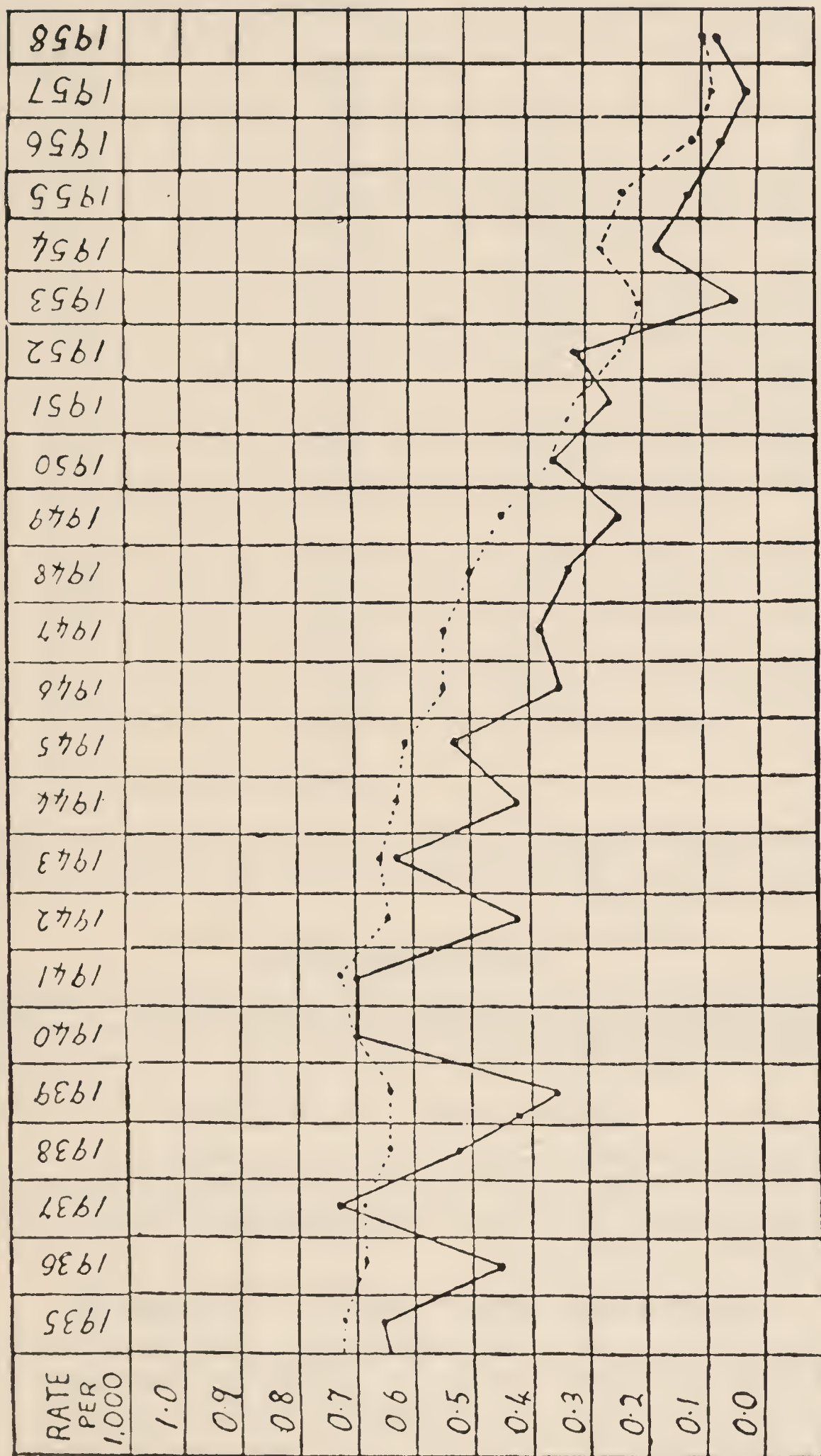
Tuberculosis Cases on the Register at 31st December, 1958 —

	Males	Females	Total
Pulmonary	217	171	388
Non-pulmonary ..	40	50	90
Totals ..	257	221	478

Table showing new cases in 1958 and mortality

Age periods	New cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—
1—4 years	1	—	—	—	—	—	1	—
5—14 „	1	—	1	—	—	—	—	—
15—24 „	2	—	—	1	—	—	—	—
25—34 „	2	1	—	—	—	—	—	—
35—44 „	5	2	—	—	—	—	1	—
45—54 „	1	1	—	—	—	—	—	—
55—64 „	5	1	—	—	1	—	—	—
65 years and over ..	6	4	1	—	2	—	1	—
TOTALS	23	9	2	1	3	—	3	—

CHART SHOWING WORTHING TUBERCULOSIS DEATH RATE SINCE 1925



(Dotted line represents Rate for England and Wales)

The following table shows the mortality from tuberculosis (all forms) since 1935:—

Year	Deaths	Death Rate per 1,000 of the population	
		Worthing	England and Wales
1935	36	0.67	0.72
1936	25	0.45	0.69
1937	42	0.72	0.70
1938	31	0.52	0.64
1939	26	0.34	0.64
1940	48	0.70	0.70
1941	39	0.70	0.73
1942	23	0.42	0.66
1943	33	0.63	0.67
1944	23	0.42	0.63
1945	32	0.54	0.62
1946	22	0.34	0.55
1947	26	0.38	0.55
1948	23	0.34	0.51
1949	18	0.26	0.45
1950	25	0.37	0.36
1951	18	0.26	0.31
1952	21	0.31	0.24
1953	3	0.04	0.20
1954	13	0.19	0.28
1955	9	0.13	0.15
1956	6	0.08	0.12
1957	3	0.04	0.09
1958	6	0.08	0.10

(Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

FOOD POISONING

Although there were no outbreaks of food poisoning during the year, three single cases were notified. Salmonella infection was responsible in each case. There were no deaths.

CLEAN FOOD CAMPAIGNS

As in previous years, lectures and discussions have been given by the Medical Officer of Health and the Chief Public Health Inspector to a number of local organisations. Food traders' organisations have been approached and lectures given to food handlers.

WORTHING HOME SAFETY COMMITTEE

This committee, which is fully representative of local bodies interested in home accident prevention, continued its excellent work throughout the year.

Two outstanding efforts during the year were the experiment in Home Safety Education known as "Operation Jane," and an excellent exhibition in November in connection with the national "Guard that Fire" campaign. The latter exhibition was organised jointly by the Borough Health Committee and the Worthing Home Safety Committee, the Local Authority making a material contribution towards the cost.

THE NATIONAL ASSISTANCE ACT, 1948, AND NATIONAL ASSISTANCE (Amendment) ACT, 1951

Section 47. Removal to suitable premises of persons in need of care and attention.

In the few cases of this type where difficulties occur, informal action is generally sufficient to cope with the situation.

Legal proceedings, however, were necessary in two cases:—

1. An application was submitted to the Magistrates for action under the amending clauses of Section 47 of the National Assistance Act, 1948, which was granted, in the first instance, for the statutory period of three weeks. This enabled the Local Authority to remove to the Geriatric Unit at Swandean Hospital an old lady aged 86 years who was living in unsatisfactory conditions and was in need of nursing care and medical attention. At the end of the period a further application was made to the Magistrates to the effect that as she was unable to devote to herself proper care and attention and prior to her removal to Swandean Hospital was not receiving such care and attention from other persons, an order be made for her transfer to "North View," East Preston. This was granted for a period of three months as from 21st November, 1958, but the patient subsequently died there in February of this year.

2. At the end of the year another elderly lady aged 66 years was found to be living in insanitary conditions and unable to devote to herself proper care and attention. An order was therefore obtained from the Magistrates to secure her removal to "North View" for the statutory period of three weeks. Subsequent investigation at "North View" showed that hospital treatment was necessary and she was transferred to Hospital where she died in January of this year.

Section 50. Burial of the Dead.

Under this Section of the Act it was necessary to arrange for the burial of six persons where no suitable arrangements were being made.

STAFF MEDICAL EXAMINATIONS

Medical examinations are undertaken by the Department in connection with Borough Council appointments and admissions of student teachers to training colleges. During the year, 71 such examinations were carried out, details of which are as follows:—

<i>Department</i>	<i>Males</i>	<i>Females</i>
Town Clerk's	3	—
Borough Engineer's	20	—
Medical Officer's	—	7
Borough Treasurer's	4	—
Borough Water Engineer's	6	1
Education	8	3
Entertainments and Publicity	1	—
Borough Librarian's	2	3
Entrants to Training Colleges	5	8
	—	—
Total ..	49	22
	—	—

Occasionally similar examinations are carried out at the request of other Local Authorities and during 1958 four such examinations were undertaken.

SANITARY INSPECTION OF THE BOROUGH

Report of Mr. S. S. White, Chief Public Health Inspector.

GENERAL INSPECTIONS

General inspections included the following:—

Houses	..	..	..	..	..	..	198
Factories	..	..	..	..	..	..	476
Work Places	..	..	..	..	..	..	90
Bakehouses	..	..	..	..	..	..	54
Restaurant Kitchens, Canteens	..	..	..	..	..	..	359
Dairies	..	..	..	..	..	..	20
Ice Cream Premises	..	..	..	..	..	..	85
Food Premises	..	..	..	..	..	..	946
Schools	..	..	..	..	..	..	44
Drainage	..	..	..	..	..	..	509
Smoke Observations	..	..	..	..	..	..	34
Shops Act	..	..	..	..	..	..	24
Pest Destruction	..	..	..	..	..	..	133
Merchandise Marks Act	..	..	..	..	..	..	48
Miscellaneous	..	..	..	..	..	..	726
Re-visits to supervise repairs, etc.	..	..	..	..	..	..	1,031

286 Public Health nuisances or contraventions were recorded and 296 were remedied before the end of the year; the latter figure includes a number carried forward from the previous year.

SANITARY DEFECTS AND NUISANCES RECORDED INCLUDED THE FOLLOWING :—

Houses :

Roofs defective	..	..	..	..	..	44
Rainwater conductors defective	..	..	..	..	..	41
Chimney stacks and external walls defective	..	..	..	..	..	26
Verminous	..	..	..	..	..	16
Wall plaster defective	..	..	..	..	..	36
Wall dampness	..	..	..	..	..	65
Cooking ranges, fireplaces defective	..	..	..	..	..	7
Window frames or cords defective	..	..	..	..	..	26
Floors, staircases defective	..	..	..	..	..	39
Insanitary yards	..	..	..	..	..	12
Vacant land insanitary	..	..	..	..	..	22

Drainage :

Requiring reconstruction	..	..	..	..	10
Defective condition	..	..	..	..	36
Choked	..	..	..	..	184
W.C.'s defective	..	..	..	..	33

COMPLAINTS

1,075 complaints were received and investigated. They are classified as follows:—

Housing, general defects	..	..	..	..	..	60
Dampness	..	..	..	..	..	71
Overcrowding	..	..	..	..	..	13
Insanitary premises	..	..	..	..	..	15
Smoke nuisances	..	..	..	..	..	20
Vacant land—insanitary	..	..	..	..	..	24
Gardens—insanitary	..	..	..	..	..	25
Animals improperly kept	..	..	..	..	..	13
Drains or sewers choked	..	..	..	..	..	107
Defective drainage systems	..	..	..	..	..	26
W.C.'s defective	..	..	..	..	..	22
Refuse bins	..	..	..	..	..	5
Smells	..	..	..	..	..	33
Vermin	..	..	..	..	..	26
Flies	..	..	..	..	..	6
Wasps	..	..	..	..	..	54
Cockroaches, etc.	..	..	..	..	..	51
Woodworm	..	..	..	..	..	6
Rats	..	..	..	..	..	299
Mice	..	..	..	..	..	152
Miscellaneous	..	..	..	..	..	47

Numerous complaints arise annually because of unneighbourly actions, such as excessive smoke from frequent bonfires, feeding wild pigeons, improper keeping of poultry and the dumping of refuse on vacant plots of land. Very few of these complaints constitute an offence which can be dealt with under public health legislation but they do cause much annoyance and unpleasantness amongst neighbours, whereas a little consideration would obviate needless provocation.

HOUSING

Slum Clearance

A commencement was made in the rehousing of families from Slum Clearance property comprising 87 houses, and involving 202 persons.

47 families, 126 persons, were rehoused and 13 houses were demolished.

Housing Inspections

Total number of dwelling-houses inspected (Public Health Act or Housing Act)	..	..	..	190
No. of houses repaired after informal notice	..	..	..	59

Action under Statutory Powers:

(a) Public Health Acts	..	..	..	8
(b) Housing Act, 1957	..	..	..	6

Defects remedied by:

(a) Owner	..	..	..	13
(b) Corporation in default	..	..	..	1

Demolition Orders	..	..	..	3
Closing Orders	..	..	..	3
Basements Closed	..	..	..	1

THE RENT ACT, 1957

This Act came into operation in July, 1957, its main objects were:—

- (a) to decontrol houses over a certain rateable value ;
- (b) to permit limited increases in rents of houses remaining under rent control and giving tenants the right to request landlords to carry out repairs. Where a landlord fails to give an undertaking to remedy defects, the tenant may apply to the local authority for a Certificate of Disrepair, the possession of which prevents the proposed rent increase.

Applications for Certificate of Disrepair:—

				<i>Total since July, 1957.</i>
No. of applications	..	..	17	49
No. of Certificates issued	..	..	7	29
No. of Certificates refused	..	..	2	4
No. of Undertakings	..	..	6	14
Defects remedied forthwith		..	3	3
Cancellations				
Granted	..	..	11	
Objections received	..	..	9	
Refused	..	..	5	

PUBLIC HEALTH ACT, 1936 — CARAVANS

There is no licensed camping site within the Borough and only one annual licence is in operation.

Three temporary licences were granted in connection with building development sites.

One application was refused.

PREVENTION OF DAMAGE BY PESTS

RODENT CONTROL

No. of complaints—Rats	..	..	..	..	299
Mice	..	..	..	..	152
No. of visits by Rodent Operators	..	..	..	..	3,294
No. of visits to Agricultural Premises	..	..	..	..	511
No. of premises cleared from rodents	..	..	..	..	357
Amount of poison bait taken	..	..	..	..	7,749 ozs.

Work carried out included.—

Central & Local Government Premises—Rats	..	20	Mice	20
Agricultural Premises—Rats	..	13	„	4
Other business premises—Rats	..	22	„	32

Total revenue—£95 17s. 3d.

INCIDENCE OF COMPLAINTS.—Rodent destruction continues to demand a regular systematic service. Whilst much progress has been made in recent years and the rodent population has been considerably reduced, serious infestations being few, the number of complaints received annually shows no reduction. The explanation for this appears to be that the free service to householders has resulted in residents immediately reporting a rat being seen.

SEWER RATS. Two treatments were carried out during the year with remarkable success. Only 8 chambers were found to be rat infested during the winter treatment and 10 during the summer treatment, as compared with 63 and 162 respectively in 1957.

OTHER PESTS

Advice or treatment was given in 124 cases as regards annoyance caused by wasps, woodworm, beetles, flies, moles, ants, pigeons and rabbits.

At 91 premises disinfection treatment was carried out on payment, to destroy beetles (45), wasps' nests (40) and woodworm (6).

DISINFECTION AND DISINFESTATION

1,360 articles fumigated by steam disinfection included the following.—

Blankets	..	..	..	..	..	..	53
Sheets, etc.	..	..	..	..	..	..	5
Mattresses and feather beds		..	..	..	..	..	741
Pillows, bolsters, cushions		..	..	..	..	..	489
Quilts, eiderdowns, overlays		..	..	..	..	..	20
Carpets and rugs	..	..	..	..	..	..	7
Miscellaneous	..	..	..	..	..	..	24
Number of rooms disinfected		..	..	..	..	..	36
Number of rooms disinfested		..	..	..	..	..	367
Revenue received :—							
For disinfection	..	..	..	..	..	£71 10s. 0d.	
For disinfestation	..	..	..	..	..	£130 14s. 3d.	

INFECTIOUS DISEASE

33 visits were made in connection with cases of infectious disease or food poisoning notified to the Medical Officer of Health and for enquiries relating to sources of illness, contacts, housing conditions and means of isolation.

FACTORIES ACTS, 1937 and 1948

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of Inspections	Written Notices
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	23	40	2
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	263	436	20
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	36	50	2
TOTAL	322	526	24

2. Cases in which DEFECTS were found.

Particulars	Number of cases in which defects were found			
	Found	Remedied	Referred	
			To H.M. Inspector	By H.M. Inspector
Want of cleanliness (S.1.)	6	3	—	—
Overcrowding (S.2)	—	—	—	—
Unreasonable temperature (S.3)	1	2	—	—
Inadequate ventilation (S.4)	—	1	—	—
Ineffective drainage of floors (S.6)	—	—	—	—
Sanitary Conveniences (S.7)				
(a) insufficient	—	2	—	—
(b) unsuitable or defective	19	14	—	—
(c) not separate for sexes	1	1	—	—
Other offences against the Act (not including offences relating to Outwork)	13	14	—	5
TOTAL	40	37	—	5

OUTWORKERS. Local firms employ 53 persons to work in their own homes within the Borough and 19 residing elsewhere. 5 Outworkers are employed by firms outside the County.

FIRE ESCAPE. 16 Certificates of Adequate Means of Escape in Case of Fire were granted or amended during the year, making a total of 71 operative within the Borough.

SHOPS ACT, 1950—SEC. 38.

43 Certificates are in operation as regards exemption in respect of sanitary accommodation or washing facilities. Suitable alternative facilities are available in each case.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Four premises were registered, and one licensed, pursuant to the requirements of the above Act.

Two samples of rag flock or other fillings were taken and analysed pursuant to the Act and Regulations. These were satisfactory.

OFFENSIVE TRADES

There is no offensive trade or business in the Borough.

NOTICES SERVED TO REMEDY DEFECTS OR ABATE
NUISANCES OR CONTRAVENTIONS

<i>Act</i>				<i>Informal</i>	<i>Statutory</i>
Public Health Act, 1936—					
Section 92 (defects and nuisances)	..	..	..	36	8
„ 39 (drainage and appliances)	..	..	..	33	
„ 44-45-46 (water closets)	..	..	..	10	
„ various	..	..	..	13	
Smoke Abatement	..	..	..	7	
Housing Act, 1957	..	..	..	81	15
Food and Drugs Act	..	..	..	5	
Food Hygiene Regulations	..	..	..	56	5
Milk and Dairies Regulations	..	..	..	2	
Prevention of Damage by Pests Act, 1949	..	..	..	8	
Factories Acts, 1937-1948	..	..	..	24	2
Shops Act	..	..	..	2	
Merchandise Marks Act	..	..	..	2	
				279	30

Notices relating to insufficient or defective refuse bins
on reports by the Cleansing Superintendent .. 224

Sewers serving approximately 180 houses found to be in a defective or choked condition were repaired or cleansed by the Corporation.

9 houses were re-drained to main sewers and the cesspools abolished.

The drainage system was reconstructed, or partly so, at 28 premises.

FOOD EXAMINATION

1. Meat

There is one slaughterhouse in the Borough at which 13,166 animals, 964 beasts, 1,468 calves, 2,189 sheep and 8,545 pigs were slaughtered during the year.

569 attendances were made to the slaughterhouse, to ensure that every carcase was examined before the meat left the slaughterhouse.

Nine persons were licensed to slaughter animals under the Slaughter of Animals Act, 1933-1954.

All animals were slaughtered with the aid of mechanically-operated humane instruments.

The Model Byelaws for Private Slaughterhouses, 1956, have been adopted.

Approximately 6¾ tons of meat were found to be diseased and unfit for food. This was salvaged for animal feeding, fat rendering or fertilizers. Meat found to be diseased included:—

Entire Carcases:						
Beasts	..	..	..	..	..	14
Calves	..	..	..	..	..	13
Sheep	..	..	..	..	..	13
Pigs	..	..	..	..	..	57
Offals:						
Heads and Tongues			..	Beasts 7	Calves 2	Sheep — Pigs 29
Other Parts	..	..	..	89	6	110 357

Carcases and Offal inspected and condemned in whole or in part

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	610	354	1,468	2,189	8,545
Number inspected	610	354	1,468	2,189	8,545
<i>All diseases except Tuberculosis and Cysticerci :</i>					
Whole carcases condemned...	—	14	13	13	57
Carcases of which some part or organ was condemned ..	61	133	8	134	282
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	10 %	41.5 %	1.5 %	6.1 %	3.9 %
<i>Tuberculosis only :</i>					
Whole carcases condemned...	—	—	—	—	—
Carcases of which some part or organ was condemned ...	4	2	—	—	22
Percentage of the number inspected affected with tuberculosis	0.65 %	0.56 %	—	—	0.26 %
<i>Cysticercosis :</i>					
Carcases of which some part or organ was condemned ...	1	—	—	—	—
Carcases submitted to treatment by refrigeration ...	1	—	—	—	—
Generalised and totally condemned	—	—	—	—	—

2. Milk

284 samples were taken and the following is a synopsis of the types of examination and the results:—

Examination for Bacterial Cleanliness.

<i>Designation</i>	<i>No. taken</i>	<i>Unsatisfactory</i>
Tuberculin Tested	44	9
Tuberculin Tested (Pasteurised)	42	—
Pasteurised	60	—

Graded Milk. The following annual licences were granted under the appropriate Regulations:—

To retail Tuberculin Tested or Tuberculin Tested Pasteurised Milk	22
To Pasteurise	2
To retail Pasteurised or Sterilised Milk	52
Supplementary, Sterilised Milk	1

Examination for M. Tuberculosis and Brucella Abortus. 59 supplies were examined. All were negative for M. Tuberculosis; 6 were positive for Brucella Abortus and 18 positive to the Brucella Ring test.

The following is a five year comparison table:—

	1954	1955	1956	1957	1958
No. of samples examined	189	161	181	181	59
M. Tuberculosis—Positive	4	1	—	—	—
Brucella Ring—Positive	47	47	57	40	18
Brucella Abortus—Positive	14	9	12	7	6
Brucella Melitensis—Positive	—	1	—	—	—
Result incomplete	10	21	13	12	1

Examination to detect adulteration or abstraction. 77 samples of milk were analysed, details of which are given on page 40.

3. Ice Cream

4 premises are registered for the manufacture of ice cream and 237 premises are registered for the storage and sale of ice cream, mostly prepacked. 18 new licences were granted during the year.

10 samples were taken and analysed for bacterial cleanliness and all proved to be satisfactory.

Grade I	8	Grade II	2
-----------------	---	------------------	---

The requirements of the Heat Treatment Regulations are rigidly enforced, particularly as regards protecting ice cream from contamination by dust or unclean apparatus, etc, during its manufacture, storage or sale.

85 visits were made to ice cream premises, and manufacturers and retailers of loose ice cream were advised as regards the necessity for, and general use of, detergents and sterilizing agents for the cleansing of cabinets, apparatus and utensils.

4. Other Foods

Requests from local food tradesmen to examine foodstuffs of a doubtful character are received almost daily, and the undermentioned were found to be diseased or unsound and were condemned as being unfit for human food :—

	<i>Tins, Jars, etc.</i>					<i>Other</i>
Peas	15	
Beans	7	
Potatoes		3,010 lbs.
Tomatoes	11	
Other vegetables	3	
Soup, tinned	9	
squares	228	
Meat, fresh		300 lbs.
tinned	261	
bacon		896 lbs.
Gravy	4	
Chickens,	2	6 birds
						19 pies
						998 lbs.
Fish, wet		
tinned	22	
Fruit, tinned	160	
bananas		30 stems
Juice	27	
Jam, etc.	31	
Milk, tinned	15	
Cheese	10	
Eggs, frozen		14 lbs.
Biscuits		40 lbs.
Cakes		4 lbs.
Jellies	30	

FOOD HYGIENE

The approximate number of trade food premises is shown below :—

(i)	<i>Kind of Business</i>	<i>No.</i>	<i>Per 10,000 Pop.</i>
	Restaurants, cafes	115	15
	Grocers, dairy shops	176	23
	Butchers and fishmongers	83	11
	Fruiterers, greengrocers	60	8
	Bread and flour, confectioners	47	6
	Confectioners, tobacconists, etc.	145	19

- (ii) 93 premises are registered for the manufacture of sausages or potted, pressed, pickled or preserved food for sale.
210 premises are registered for the manufacture, storage or sale of ice cream.
17 premises are registered as dairies.
- (iii) 1,464 inspections were made of food premises, excluding sampling visits.
- (iv) Lectures relating to clean food education were given to traders' associations and other local organisations whenever an opportunity arose.
- (v) Details of meat inspection at the slaughterhouse is given on page 36.
- (vi) Details of foods condemned as being unfit for human consumption on examination at the request of a trader are shown on page 38.

FOOD HYGIENE REGULATIONS

66 premises were inspected to ascertain whether the requirements of the Regulations were being observed, in addition to re-inspections of premises under notice. The premises included restaurants, cafes, food shops, canteens and hotel and boarding house kitchens. 56 written notices relating to contraventions, together with a printed abridged synopsis of the Regulations, were posted to traders engaged in the handling of food for public consumption. Verbal requests and advice were also given in a large number of instances.

A summary of the defects found is shown below, also in brackets the totals of defects found since the Regulations came into operation in July, 1956.

Absence of :

Adequate supply of hot water	..	..	..	14	(278)
Wash hand basin ..	..	..	..	11	(192)
Towel, soap, requisites	..	..	..	6	(121)
First Aid equipment	..	..	..	6	(155)
Clothing accommodation	..	..	..	3	(60)
"Wash hands" notice	..	..	..	11	(246)
Sink .. .. .	..	..	..	1	(17)

Defects, cleansing, etc.:

Food rooms requiring re-decoration, etc.	..	..	30	(137)
Tables and equipment	..	..	13	(49)
Improper storage of refuse	..	..	6	(28)

Other contraventions :

Lighting or ventilation unsatisfactory	..	..	5	(12)
W.C. ventilating into food room	..	..	2	(8)
Smoking offences	..	..	2	(10)

In five cases it was necessary to report to the Health Committee the failure of tradesmen to comply with Regulation requirements, viz. one hotelier, one club caterer, one butcher, one grocer and one cake confectioner. No court proceedings were necessary.

Complaints relating to unclean food :

18 complaints were received and appropriate action was taken in respect of:—

Bread—mouldy	..	..	..	..	..	3
„ containing nail	..	..	..	..	..	1
„ containing paper	..	..	..	..	..	1
„ containing linen and needle	..	..	..	..	..	1
Meat pie—mouldy	..	..	..	..	..	1
Milk—glass in bottle	..	..	..	..	..	2
Chocolate—containing insect	..	..	..	..	..	1
„ „ nail	..	..	..	..	..	1
Lolly ice „ nail	..	..	..	..	..	1
Cafe—crockery dirty	..	..	..	..	..	1
Cafe—cakes exposed to excess risk of contamination	..	..	..	..	..	1
Restaurant—waiters' serving clothes dirty	..	..	..	..	..	1
Lemonade bottle—contaminated with disinfectant	..	..	..	..	..	1
Smoking in food premises	..	..	..	..	..	2

FOOD AND DRUGS ACT, 1955

79 samples were submitted for analysis by the Public Analyst:—

<i>Description</i>	<i>No. Analysed</i>
Milk, Pasteurised	39
Milk, Channel Island	22
„ Raw	5
Cream	11
Butter	1
Ground Almonds	1

Two samples of Channel Island milk were of sub-standard quality, being 12.5 % and 3.7 % deficient in milk fat.

Subsequent samples proved to be genuine in each case.

All other samples were genuine.

ANNUAL REPORT
of the
Meteorological Observations
for 1958

METEOROLOGICAL OBSERVATIONS FOR THE YEAR 1958

The Meteorological Station is in Beach House Park, which is 25.00 feet above Ordnance Datum. Here all the instruments, except the Fortin Standard Barometer and the Sunshine Recorder, are kept.

The shade thermometers, in a Stevenson screen, are:—self-recording maximum, self-recording minimum, dry bulb and wet bulb.

All thermometers are Fahrenheit and are verified at the National Physical Laboratory, Kew.

A self-recording minimum thermometer is used for registering the temperature on the grass.

Three earth thermometers are in use at various depths—1ft. 4ft. and 6ft.

There is an official five-inch Copper Rain Gauge, Meteorological Office pattern, also a Dines Tilting Siphon Automatic Rain Recorder.

The Campbell-Stokes Sunshine Recorder is fixed on a platform at the top of Christ Church Tower, 111 feet above mean sea level and 84 feet above ground level.

All instruments at the local Meteorological Observatory are examined and tested periodically by Officers of the Meteorological Office, Air Ministry, Harrow, Middlesex.

A code report is sent by telephone each evening to the Meteorological Office, London, and the leading newspapers are supplied with reports from that Office.

Weekly reports are sent to the local newspapers, and a full report monthly to the Meteorological Office, Harrow, for publication in their journals. Rainfall statistics are supplied to the British Rainfall Organisation.

The daily weather report of the Air Ministry, the previous day's sunshine card and a collection of charts and records are also exhibited in the windows of the information bureau at the Pier.

This report contains statistics showing the means for the year of Barometric pressure, Air and Earth temperatures, Sunshine, Wind and Humidity, compared with the averages for a series of years.

Observations are taken every day throughout the year at 9 a.m. and 6 p.m.

ABSTRACT OF OBSERVATIONS FOR THE YEAR 1958

Total amount of bright sunshine : 1,601.5 hours.

Number of days with sunshine : 306.

Rainfall : 34.36 inches.

Number of rain-days (.01 inch or more) : 169.

Number of wet days (.04 inch or more) : 125.

Highest barometric reading : 30.692 inches on 24th October.

Lowest reading : 28.767 inches on 15th December.

Warmest day : 5th September (77°).

Coldest night : 23rd January (23°).

Coldest days : 22nd January, 10th March (35°).

Warmest night : 6th September (64°).

Warmest month (by day) : July (average temperature 67°).

Coldest month (by night) : March (average temperature 35°).

Mean Temperature : 50.7°.

Mean relative humidity : at 9 a.m. 87.8%.

Lowest temperature on the grass : 19° on 23rd January; 12th March.

Wettest day : 28th January (1.62 inches).

Sunniest days : 28th May; 14th June (14.9 hours).

Number of days snow or sleet fell : 12.

Number of days hail fell : 3.

Number of days thunder heard : 13.

Number of ground frosts : 60.

Number of days with fog : 6.

BRIGHT SUNSHINE

The duration of bright sunshine for the year was 1,601.5 hours.

This amount is 35.8 per cent, of the time during which the sun was above the horizon, giving a daily mean of 4.38 hours. The average yearly sunshine for the previous ten years was 1,867.8 hours. During this period the year with the highest record was 1949, when 2,128.9 hours were recorded, whilst the year 1954 was the lowest with 1,687.3 hours. The sunniest days were 28th May and 14th June when 14.9 hours were recorded.

July, with 214.8 hours, was the sunniest month, and February with 54.8 hours, was the least sunny.

A sunless day is one on which less than 6 minutes of bright sunshine are recorded.

RAINFALL

The rainfall for the year 1958 was 34.36 inches. This amount is 6.87 inches above the Normal and 7.25 inches above the previous ten years' average.

The month of April was the driest with 0.77 inch, falling below the Normal amount by 1.01 inches. August was the wettest month with 4.80 inches, this amount being 2.52 inches above the Normal. The heaviest day's rainfall was 1.62 inches on 28th January. There were 169 days on which 0.01 inch or more rain fell, compared with 155 days which is the average number for the previous ten years.

One inch of rainfall is equivalent to 100.925 tons per acre or 14.4686 millions of gallons per square mile.

SUMMER RAINFALL. Total for six months (1st April to 30th September) was 17.08 inches, compared with an average summer rainfall for the previous ten years of 12.22 inches.

WINTER RAINFALL. Total for six months (1st October to 31st March, 1958/9) was 13.18 inches, compared with an average winter rainfall for the previous ten years of 15.10 inches.

HUMIDITY

The mean relative humidity of the atmosphere (percentage of saturation of the air) at 9 a.m. was 87.8 %, compared with the previous five years' average of 80.7 %.

BAROMETER

The mean barometric reading for the year was 29.953 inches (when reduced to sea level and to a temperature of 32° Fahr.), the average for the previous five years being 30.035 inches. The highest reading for the year was 30.692 inches on 24th October, and the lowest reading was 28.767 inches on 15th December. The absolute range for the year was 1.925 inches and the average range for the previous five years 1.973 inches.

One inch barometric pressure is equivalent to 70.727 lbs. per square foot.

TEMPERATURE

The mean temperature for the year was 50.7° Fahr. which is 0.3° below the Normal. Since 1881 the warmest year was 1949 with a mean temperature of 52.8°. The highest shade temperature for 1958 was 77° recorded on 5th September, and the lowest 23° on 23rd January. The extreme range of temperature was 54° compared with the average range of 58° for the previous five years. The temperature on the grass fell below 30.4° on 60 nights. The lowest temperature on the grass was 19° during the nights of 23rd January and 12th March.

EARTH TEMPERATURES. The highest and lowest temperatures at various depths in the earth were as follows:—

<i>Below Surface</i>	<i>Highest</i>	<i>Date</i>	<i>Lowest</i>	<i>Date</i>
1 ft.	65.3°	7th September	35.2°	24th January
4 ft.	61.8°	12th September	44.0°	27th and 28th January
6 ft.	59.8°	23rd September	45.1°	28th March

WIND

Percentages of direction of wind from 730 observations taken at 9 a.m. and 6 p.m. throughout the year:—

	<i>9 a.m.</i>	<i>6 p.m.</i>		<i>9 a.m.</i>	<i>6 p.m.</i>
	%	%		%	%
N.	11.8	8.2	S.	7.2	7.6
N.E.	14.6	11.0	S.W.	22.5	26.6
E.	5.3	6.2	W.	11.8	11.8
S.E.	11.8	10.6	N.W.	14.6	17.5
Calm	0.4	0.5			

TABLE 1 — CLOUD AND HUMIDITY

Month.			Cloud Amount Scale 1–8		Mean Relative Humidity	Mean Humidity previous 5 years 1953–1957
			9 a.m.	6 p.m.	9 a.m.	9 a.m.
January	..	..	5	5	% 82	% 87
February	..	..	7	6	85	86
March	..	..	5	5	75	79
April	..	..	4	5	67	73
May	..	..	5	5	75	72
June	..	..	5	4	75	77
July	..	..	5	5	77	76
August	..	..	7	5	84	79
September	..	..	4	5	81	81
October	..	..	5	6	82	84
November	..	..	6	6	83	85
December	..	..	5	6	87	90
Year 1958	..		5	5	79	Yearly average 81

TABLE 2 — **BRIGHT SUNSHINE** — 1958

The following is an Extract from the Table of Official Returns of the Meteorological Office, and shows the relative positions of the leading 20 mainland stations in Great Britain and Northern Ireland:

<i>Position</i>	<i>Station</i>					<i>Sunshine (Hours)</i>
1	Margate .. .. .	..	..	..	..	1623.2
2	Littlehampton .. .. .	..	..	..	..	1612.6
3	Weymouth .. .. .	..	..	..	..	1608.3
4	Hankham (Sussex) .. .. .	..	..	..	..	1603.5
5	WORTHING .. .. .	..	..	..	..	1601.5
6	Swanage .. .. .	..	..	..	..	1599.7
7	Bournemouth .. .. .	..	..	..	..	1597.1
8	Eastbourne .. .. .	..	..	..	..	1593.4
9	Clacton .. .. .	..	..	..	..	1591.3
10	Ramsgate .. .. .	..	..	..	..	1571.8
11	Walton-on-Naze .. .. .	..	..	..	..	1553.0
12	Dover .. .. .	..	..	..	..	1549.3
13	Bognor Regis .. .. .	..	..	..	..	1549.0
14	Shoeburyness .. .. .	..	..	..	..	1543.7
15	Everton (Hants.) .. .. .	..	..	..	..	1535.2
16	Torquay .. .. .	..	..	..	..	1532.4
17	Poole .. .. .	..	..	..	..	1531.7
18	Folkestone .. .. .	..	..	..	..	1531.2
19	Penzance .. .. .	..	..	..	..	1524.9
20	Brighton .. .. .	..	..	..	..	1519.4

TABLE 3 — BRIGHT SUNSHINE

Month	Total Hours Bright Sunshine	Average for 30 years 1921-1950	Hours Daily Mean	Percentage of average %	Days with Sunshine	Most in one day Hours	Monthly Totals			
							Highest		Lowest	
							Hours	Year	Hours	Year
January ..	65.9	67	2.12	98	19	7.7	109.9	1940	34.5	1912
February ..	54.8	83	1.96	67	21	8.6	140.3	1949	29.8	1947
March ..	127.6	147	4.11	87	29	9.3	220.8	1907	95.3	1916
April ..	181.2	182	6.04	100	27	12.8	267.2	1912	105.3	1905
May ..	204.0	232	6.58	88	28	14.9	353.1	1909	148.9	1932
June ..	192.9	243	6.43	79	29	14.9	327.1	1957	143.5	1909
July ..	214.8	232	6.93	93	29	14.2	369.0	1911	133.8	1944
August ..	138.5	219	4.45	63	27	11.0	298.4	1899	112.6	1912
September ..	165.1	169	5.50	98	29	11.0	262.6	1898	97.1	1945
October ..	122.3	125	3.95	98	27	9.1	181.6	1919	81.9	1915
November ..	76.3	76	2.54	100	16	7.9	131.3	1909	44.4	1934
December ..	58.1	63	1.87	92	25	7.2	96.0	1946	22.3	1956
Year 1958 ..	1601.5	1838	4.38	87.1	306	14.9	369.0	July 1911	22.3	Dec. 1956
Highest and Lowest Year Totals							2141.0	1899	1600.2	1913

TABLE 4 — BRIGHT SUNSHINE

Year	Campbell-Stokes Recorder Bright Sunshine Hours	Bright Sunshine Days	Sunniest Days	
			Day	Hours
1938	1796.4	310	June 21st	15.3
1939	1809.7	310	June 1st	15.4
1940	1976.8	323	July 1st	15.2
1941	1791.7	317	June 25th	15.2
1942	1711.6	312	June 5th	14.8
1943	1864.8	313	June 24th	14.9
1944	1765.5	315	June 24th	14.9
1945	1783.9	309	June 17th	14.8
1946	1790.7	307	July 10th	15.1
1947	1896.8	294	June 10th	14.9
1948	1916.9	319	May 18th	14.9
1949	2128.9	317	July 10th	14.8
1950	1805.4	312	June 16th	15.1
1951	1838.4	297	June 19th	15.1
1952	1917.0	317	June 30th	15.1
1953	1885.1	302	July 24th	14.3
1954	1687.3	301	June 20th	14.4
1955	1936.4	305	May 30, June 1	14.9
1956	1726.7	311	July 25th	14.9
1957	1836.4	307	June 13th	15.5
1958	1601.5	306	May 28, June 14	14.9
Average for 20 years 1938—1957	1843.3	310		

TABLE 5 — RAINFALL

1958	Total Rain- fall	Difference from the Normal	Greatest Fall in 24 hours beginning 9 a.m.	Number of Days with		Total Rain Days
				.01 in. or more	.04 in. or more	
January ..	ins. 4.38	ins. +1.44	ins. 1.62	16	10	16
February ..	2.60	+0.60	0.96	15	10	15
March ..	1.79	+0.07	0.47	12	9	12
April	0.77	-1.01	0.16	11	7	11
May	2.60	+0.95	0.74	16	10	16
June	2.78	+1.25	0.97	13	7	13
July	2.23	+0.09	0.46	12	8	12
August ..	4.80	+2.52	0.79	22	19	22
September ..	3.90	+1.74	0.98	13	12	13
October ..	2.62	-0.33	0.37	14	12	14
November ..	2.06	-1.38	0.83	8	6	8
December ..	3.83	+0.93	0.62	17	15	17
Year	34.36	+6.87	1.62	169	125	169

TABLE 6 — RAINFALL

Year	Rainfall in inches	No. of Days Rain fell (0.01 inch or more)	Greatest Fall in a Day	
			Amount in inches	Day and Month
1938	22.95	156	0.75	24th September
1939	34.42	171	1.41	13th October
1940	30.13	148	1.50	3rd November
1941	25.83	139	1.36	4th June
1942	24.62	129	1.06	25th October
1943	23.68	145	1.74	13th January
1944	22.14	136	1.22	20th October
1945	22.98	138	2.05	10th July
1946	30.96	170	2.02	16th August
1947	24.31	139	0.94	10th March
1948	25.23	154	1.41	6th August
1949	23.90	120	1.34	20th October
1950	26.95	157	0.89	20th November
1951	37.98	184	1.40	11th June
1952	28.54	175	1.29	30th September
1953	24.33	125	1.22	12th October
1954	30.28	188	1.81	25th July
1955	24.75	140	1.40	22nd September
1956	24.08	148	0.97	4th September
1957	25.30	162	1.27	3rd November
Average for 20 years	26.67	151	2.05	10th July 1945
1958	34.36	169	1.62	28th January

TABLE 7 — BAROMETRIC PRESSURE AND TEMPERATURE

1958	Barometric Pressure (Reduced to Sea Level and 32° Fahr.)			Air Temperature in Screen					
	Mean Inches.	Extremes.		Means of		Mean of A & B	Difference from Normal	Extremes	
		Highest	Lowest	A Max.	B Min.			Max.	Min.
				°	°	°	°	°	°
January	29.908	30.626	29.013	44.6	35.6	40.1	—0.8	52	23
February	29.910	30.616	29.211	47.4	37.6	42.5	+1.6	53	29
March	29.889	30.446	29.314	45.5	35.4	40.5	—3.3	55	25
April	30.093	30.444	29.472	51.6	39.6	45.6	—2.4	67	31
May	29.985	30.470	29.237	57.8	48.1	52.9	—0.6	65	40
June	29.744	30.363	29.458	63.0	52.7	57.9	—1.2	69	45
July	29.974	30.388	29.490	67.3	56.3	61.8	—0.7	74	47
August	29.886	30.228	29.515	66.4	57.4	61.9	—0.7	70	50
September	30.015	30.298	29.323	66.9	56.8	61.9	+2.5	77	49
October	30.134	30.692	29.301	59.3	50.0	54.7	+1.8	65	41
November	30.188	30.682	29.780	49.9	42.1	46.0	—0.2	59	35
December	29.705	30.417	28.767	48.1	38.7	43.4	+1.6	55	31
Year 1958	29.953	30.692	28.767	55.5	45.9	50.7	—0.3	77	23

TABLE 8 — WINDS

Month.	9 a.m. OBSERVATIONS.—DIRECTION.								
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January	4	2	1	4	3	4	3	10	—
February	4	4	0	2	1	8	3	6	—
March	5	8	5	6	0	2	2	3	—
April	4	10	3	2	0	3	3	5	—
May	1	2	0	3	4	15	2	4	—
June	3	1	1	8	5	9	3	0	—
July	0	3	2	4	1	11	5	5	—
August	0	1	1	3	1	12	9	4	—
September	1	5	2	5	5	4	6	2	—
October	6	1	2	2	1	8	4	6	1
November	8	10	2	3	1	2	1	3	—
December	7	6	0	2	4	4	3	5	—
Year 1958	43	53	19	44	26	82	44	53	1

Month.	6 p.m. OBSERVATIONS.—DIRECTION.								
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January	3	5	1	2	1	5	7	7	—
February	3	0	0	4	1	8	6	6	—
March	3	6	7	6	2	1	2	4	—
April	4	9	1	2	0	6	5	3	—
May	1	0	1	3	6	14	5	1	—
June	0	1	2	5	5	9	8	0	—
July	0	1	2	4	2	13	8	1	—
August	0	0	0	4	3	13	9	2	—
September	0	1	3	4	2	13	6	1	—
October	2	2	3	3	1	10	2	8	—
November	7	9	2	0	1	1	3	5	2
December	7	6	0	2	4	4	3	5	—
Year 1958	30	40	22	39	28	97	64	43	2

TABLE 9 — VISIBILITY

Summary of observations taken at 9 a.m. and 6 p.m.

MONTH	FOG				MIST OR HAZE				GOOD VISIBILITY													
	A		B & C		D & E		F		G		H		I		J		K		L		M	
	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.
January ..	—	—	—	—	1	—	4	3	5	4	—	5	6	8	7	4	6	—	1	1	1	6
February ..	—	—	—	—	2	—	2	1	4	3	2	3	6	13	11	3	1	5	—	—	—	—
March ..	—	—	—	—	—	—	1	2	3	5	2	5	9	10	12	7	2	1	—	—	2	1
April ..	—	—	—	—	—	—	—	1	—	2	2	2	6	8	13	10	5	2	2	3	2	2
May ..	—	—	—	—	—	—	2	1	1	—	3	—	1	3	8	5	7	8	2	1	7	3
June ..	—	—	—	—	—	—	—	—	—	2	1	—	4	2	7	7	14	11	2	1	2	7
July ..	—	—	—	—	—	—	2	—	1	4	—	—	6	3	9	8	5	7	2	1	6	8
August ..	—	—	—	—	—	—	—	—	—	—	2	1	4	3	12	3	9	9	3	6	1	9
September ..	—	—	—	—	—	—	1	—	1	—	3	5	4	6	11	3	6	3	2	2	2	11
October ..	—	—	—	—	—	—	2	1	2	3	1	6	4	8	11	3	4	4	6	2	1	4
November ..	—	—	—	—	—	—	1	3	7	7	8	6	6	5	2	6	4	1	2	1	—	1
December ..	—	—	—	—	2	1	6	5	5	6	3	2	2	4	7	3	5	6	1	3	—	1
Year 1958 ..	—	—	—	—	5	1	21	17	29	36	27	35	58	73	110	62	68	57	23	21	24	53

KEY TO TABLE 9 — VISIBILITY

Letter	Standard Distance	Actual Distance	Description of visibility	Object	View Point	Bearing
A	22 yards	21 yards	Dense Fog	Chestnut tree on opposite side of road	Office Door	S.E.
B	44 yards	45 yards	Thick Fog	Chestnut tree outside entrance to "Ryecroft"	Office Gate	E.
C	110 yards	110 yards	Thick Fog	N.W. corner of Town Hall	Office Gate	E.
D	220 yards	220 yards	Fog	Christ Church Tower	Office Window	S.
E	440 yards	430 yards	Moderate Fog	Holy Trinity Church Spire	Christ Church Tower	S.W.
F	1100 yards	1100 yards	Very Poor	Heene Church Tower	" "	W.
G	1 ¼ miles	1 ¼ miles	Poor	Tarring Church Tower	" "	N.W.
H	2 ½ miles	2 ¾ miles	Moderate	Top of High Salvington Hill	" "	N.W.
I	4 ½ miles	4 ¼ miles	Moderate	Highdown Hill	" "	W.N.W.
J	6 ¼ miles	6 ⅝ miles	Good	Portslade Gas Works Chimney	" "	E.
K	12 ½ miles	12 ½ miles	Very Good	Hills beyond Brighton	" "	E.
L	18 ¾ miles	18 ¼ miles	Very Good	Selsey Bill	" "	W.S.W.
M	25 miles	27 miles	Excellent	Beachy Head	" "	E.S.E.

TABLE 10 — CLIMATE OF WORTHING — 1900-1958

Year	Temperatures							Rainfall		Sunshine	Year
	Means					Extremes		Amount at Observ- atory	Number of days rain fell	Number of hours in year	
	9 a.m.	Min.	Max.	Range	Mean	Min.	Max.				
								Degrees							Inches
1900 ..	51.2	44.9	56.2	11.3	50.6	20.9	79.0	26.33	182	1885.6	..1900
1901 ..	50.2	43.6	55.8	12.2	49.7	22.9	80.7	21.45	139	2017.0	..1901
1902 ..	50.2	43.6	55.0	11.1	49.6	21.8	78.0	23.77	157	1661.7	..1902
1903 ..	50.9	45.2	55.4	10.2	50.3	23.7	78.2	32.19	189	1749.2	..1903
1904 ..	50.4	44.3	55.5	11.2	49.9	23.8	77.4	26.85	163	1748.4	..1904
1905 ..	50.1	42.2	55.6	11.4	49.1	23.9	77.1	24.63	162	1715.3	..1905
1906 ..	50.6	44.3	56.1	11.8	50.2	24.9	78.6	30.44	173	2010.6	..1906
1907 ..	50.2	45.1	54.8	9.5	50.0	20.4	76.1	21.78	158	1776.8	..1907
1908 ..	50.9	44.1	56.1	12.1	50.1	16.0	80.2	22.15	146	1991.3	..1908
1909 ..	49.7	43.0	54.6	11.6	48.8	19.9	81.2	32.11	178	1958.6	..1909
1910 ..	50.8	44.5	55.9	11.5	50.1	21.9	73.8	32.57	191	1731.0	..1910
1911 ..	52.8	45.1	58.0	12.9	51.5	25.4	87.9	31.68	149	2115.0	..1911
1912 ..	51.6	45.0	56.6	11.6	50.8	19.0	84.2	35.95	192	1609.9	..1912
1913 ..	52.1	45.9	57.4	11.5	51.6	26.2	79.0	34.98	170	1600.2	..1913
1914 ..	52.7	45.2	57.9	12.7	51.5	23.2	78.2	31.31	164	2000.5	..1914
1915 ..	51.1	43.8	56.3	11.8	50.5	24.7	77.1	36.64	152	1801.3	..1915
1916 ..	51.2	44.7	56.3	11.6	50.5	25.0	77.0	32.89	182	1658.0	..1916
1917 ..	49.2	43.0	54.6	11.6	48.8	20.7	79.0	25.49	147	1804.7	..1917
1918 ..	51.0	44.7	56.5	11.8	50.6	20.0	78.0	24.41	165	1856.5	..1918
1919 ..	49.4	42.9	54.9	12.0	48.9	22.0	78.5	28.54	158	1788.5	..1919
1920 ..	51.7	45.6	56.6	11.0	51.1	23.0	76.0	26.40	139	1692.1	..1920
1921 ..	53.4	46.4	58.8	12.4	52.6	27.6	86.7	13.26	108	2101.5	..1921
1922 ..	50.1	43.9	54.8	10.9	49.3	25.2	78.2	25.71	159	1781.2	..1922
1923 ..	50.8	44.5	55.6	11.1	50.1	24.0	86.0	30.62	170	1805.9	..1923
1924 ..	50.8	45.4	55.3	9.9	50.3	25.0	74.6	32.65	159	1759.6	..1924
1925 ..	49.8	44.7	55.9	11.2	50.3	24.0	80.2	34.70	158	1955.8	..1925
1926 ..	51.6	45.7	56.7	11.0	51.2	21.8	83.3	28.57	160	1677.7	..1926
1927 ..	50.8	45.0	55.8	10.8	50.4	22.4	78.1	34.88	165	1731.4	..1927
1928 ..	51.9	45.1	57.0	11.9	51.0	21.6	82.0	32.84	161	1999.1	..1928
1929 ..	50.9	44.1	56.0	11.9	50.0	13.0	80.0	29.71	134	2062.5	..1929
1930 ..	52.0	46.9	56.4	9.5	51.3	26.0	82.6	28.31	169	1821.4	..1930
1931 ..	51.0	45.0	55.0	10.0	50.0	21.0	77.0	25.80	147	1610.5	..1931
1932 ..	50.5	45.1	55.8	10.7	50.5	23.0	80.0	23.91	148	1616.7	..1932
1933 ..	52.0	45.5	56.4	10.9	51.2	23.6	81.2	20.40	125	2102.6	..1933
1934 ..	52.1	45.6	57.5	11.9	51.8	24.0	82.0	27.49	139	1811.0	..1934
1935 ..	51.8	46.1	56.6	10.5	51.3	25.6	83.8	37.74	173	1805.2	..1935
1936 ..	51.3	45.4	55.9	10.5	50.7	27.1	81.3	27.42	169	1675.0	..1936
1937 ..	51.5	46.3	57.2	10.9	51.8	26.0	76.8	31.59	162	1668.3	..1937
1938 ..	52.7	46.1	57.1	11.0	51.6	19.5	82.5	22.95	156	1796.4	..1938
1939 ..	51.8	45.8	56.5	10.7	51.2	20.0	81.5	34.42	171	1809.7	..1939
1940 ..	50.0	45.0	56.0	11.0	50.5	16.0	80.0	30.13	148	1976.8	..1940
1941 ..	50.3	44.0	56.0	12.0	50.0	22.0	83.0	25.83	139	1791.7	..1941
1942 ..	50.0	44.8	55.3	10.5	50.5	19.0	83.0	24.62	129	1711.6	..1942
1943 ..	52.0	46.0	58.0	12.0	52.0	28.0	80.0	23.68	145	1864.8	..1943
1944 ..	51.3	45.4	56.2	10.8	50.8	26.0	81.0	22.14	136	1765.5	..1944
1945 ..	52.5	46.5	57.2	10.7	51.2	19.0	80.0	22.98	138	1783.9	..1945
1946 ..	51.6	45.5	55.7	10.2	50.6	23.0	76.0	30.96	170	1790.7	..1946
1947 ..	51.3	45.7	56.1	10.4	50.9	15.0	90.0	24.31	139	1896.8	..1947
1948 ..	52.6	46.6	57.6	11.0	52.1	17.0	88.0	25.23	154	1916.9	..1948
1949 ..	53.3	47.2	58.4	11.2	52.8	29.0	81.0	23.90	120	2128.9	..1949
1950 ..	52.1	46.1	56.7	10.6	51.4	24.0	81.0	26.95	157	1805.4	..1950
1951 ..	51.9	46.0	56.3	10.3	51.2	22.0	76.0	37.98	184	1838.4	..1951
1952 ..	50.7	45.0	56.0	11.0	50.2	23.0	82.0	28.54	175	1917.0	..1952
1953 ..	51.9	46.2	57.1	11.1	51.7	25.0	80.0	24.33	125	1885.1	..1953
1954 ..	51.0	45.3	56.0	10.7	50.7	18.0	75.0	30.28	188	1687.3	..1954
1955 ..	51.0	44.8	56.4	11.6	50.6	25.0	84.0	24.75	140	1936.4	..1955
1956 ..	49.9	44.2	55.0	10.8	49.6	16.0	77.0	24.08	148	1726.7	..1956
1957 ..	52.2	46.8	57.1	10.3	51.9	30.0	82.0	25.30	162	1836.4	..1957
1958 ..	50.8	45.9	55.5	9.6	50.7	23.0	77.0	34.36	169	1601.5	..1958

NATIONAL HEALTH SERVICE ACT, 1946

Part III Services

The day-to-day administration of the Part III Services provided under the National Health Service Act is delegated to the Worthing County Health Sub-Committee. This section summarises the work carried out in the Borough during the year.

SECTION 22. CARE OF MOTHERS AND YOUNG CHILDREN

Child Welfare Centres :

There are five Child Welfare Centres in the Borough situated as follows:—

- (1) The Central Clinic—Monday and Friday afternoons.
- (2) Church Hall, Durrington—Second and fourth Thursday afternoons in each month.
- (3) St. Mary's Hall, Goring—Second and fourth Thursday afternoons in each month.
- (4) St. Richard's Hall, Maybridge—First, third and fifth Thursday afternoons in each month.
- (5) Free Church Hall, Findon Valley—First and third Wednesday afternoons in each month.

1,161 infants and children made a total of 7,958 attendances at all centres during the year. The number of infants who first attended at the centres during the year whilst they were under one year of age was 558, equivalent to 78.9 per cent. of the notified live births.

Ante- and Post-Natal Clinics :

The following is a summary of attendances, etc., at these clinics:—

Medical Officer's Clinic:

No. of clinics	..	..	..	..	23
New cases	..	..	..	..	73
Total attendances	..	..	..	..	157
Average attendance per session			..	..	6.8

Midwives' Clinic:

No. of clinics	..	..	..	..	45
New cases	..	..	..	..	147
Total attendances	..	..	..	..	534

Ante-Natal Relaxation Exercises Clinic:

New cases	..	..	..	..	50
Total attendances	..	..	..	..	316

DENTAL SERVICE

The following tables give details of the treatment carried out during the year:—

(a) Numbers provided with dental care:

	Examined	Needing treatment	Treated	Made dentally fit
Expectant and Nursing Mothers ...	6	3	3	3
Children under five	135	59	54	49

(b) Forms of dental treatment provided:

	Extractions	General Anæsthetics	Fillings	Scalings or Scaling and gum treatment	Silver Nitrate treatment	Crowns or Inlays	Radiographs	Dentures provided	
								Complete	Partial
Expectant and Nursing Mothers	1	1	2	-	-	-	-	-	2
Children under five	34	13	214	-	1	-	-	-	-

Dental X-rays are carried out at Worthing Hospital and arrangements exist for the supply of dentures locally.

CARE OF PREMATURE INFANTS

All infants weighing up to 5½ lbs. at birth are included under this heading and in Worthing a special note is made on the notification of birth cards in respect of all infants whose birth weight is 5½ lbs. or less.

Special arrangements for the care of premature infants in their own homes are made within the Midwifery and Health Visiting Services, and infants who cannot be cared for at home are admitted to hospital.

Premature infants born in hospital are notified to the Department on discharge and are kept under supervision by the Health Visitors and invited to attend the Welfare Centres.

Thirty-seven premature live births were notified, of which twelve occurred at home. Two premature still-births were also notified.

SECTION 23. MIDWIFERY

The following is a summary of the work of the domiciliary midwives:—

Confinements attended—				
as midwife	..	..	..	157
as maternity nurse	..	..	..	62
Analgesia administered—				
as midwife	..	..	..	134
as maternity nurse	..	..	..	60
Pethidine administered—				
as midwife	..	..	..	113
as maternity nurse	..	..	..	56
Nursings—				
as midwife	..	..	..	3,106
as maternity nurse	..	..	..	541
Ante-natal visits	..	..	..	1,754

Notification of Births. 708 live births and 8 still-births were registered during the year

SECTION 24. HEALTH VISITING

Seven Health Visitors devote half their time to duties connected with the Health Services provided under Part III of the National Health Service Act, 1946.

The following are details of visits made by the Health Visitors during the year:—

Expectant and nursing mothers—total visits	..	..	361
First visits to infants under 1 year of age	..	..	666
Re-visits to infants under 1 year of age	..	..	2,181
Children 1-5 years—total visits	..	..	2,940
Infectious disease visits	..	..	60
Tuberculosis visits	..	..	101
Visits to aged and infirm persons	..	..	792
Visits in connection with domestic help service	..	..	491
Other visits	..	..	123
Total No. of families or households visited	..	..	2,482

SECTION 25. HOME NURSING

The services of the Home Nurses are provided on the recommendation of a doctor to any patient requiring such service. The nursing staff at the 31st December comprised an Area Nursing Officer, 17 full-time and 3 part-time Home Nurses.

The following table gives particulars of the number of cases dealt with during the year under review:—

No. of cases attended by Home Nurses	..	..	2,343
No. of visits paid by Home Nurses	..	..	68,582

SECTION 26. VACCINATION AND IMMUNISATION

Vaccination :

(a) Smallpox

Vaccinations are carried out by Practitioners as a part of the General Medical Service, and a fee is payable by the County Council for the Record of the vaccination which the Practitioner supplies in each case.

The following table gives details of the vaccinations carried out during the year :—

Number of persons vaccinated (or re-vaccinated)

Age at date of vaccination	Under 1	1	2 to 4	5 to 14	15 or over	Total
Number vaccinated ...	322	22	22	21	48	435
Number re-vaccinated ...	—	—	4	48	291	343

(b) Poliomyelitis

The following table gives details of the work carried out at the Central Clinic during the year :—

1st injections	..	..	..	..	3,202
2nd injections	..	..	..	..	3,049
3rd injections	..	..	..	..	622

In addition, record cards were received from General Practitioners in respect of 3,287 persons who had been given two injections.

269 record cards with two injections completed for hospital staffs and other priority groups were also received during the year.

Number of persons vaccinated since the commencement of the scheme :—

	At Central Clinic	By General Practitioners	Hospital Staff & Priority Groups	TOTAL
Two injections completed ...	3,965	3,756	269	7,990
Three injections completed	622	—	—	622
GRAND TOTAL				8,612

Diphtheria Immunisation :

During the year, 467 children under five years and 16 children aged five to fifteen years were immunised. 39 were immunised at the Clinics and 444 by private doctors. In addition 174 children received reinforcing injections.

SECTION 27. AMBULANCE SERVICES

The St. John Ambulance Brigade acts as agent for the County Council in operating the Ambulance and Hospital Car Services in the Borough of Worthing.

During the year the Worthing Ambulance Division carried 7,744 patients, covering a total distance of 65,964 miles.

SECTION 28. PREVENTION OF ILLNESS, CARE & AFTER-CARE

1. *Tuberculosis :*

The Health Visitors continued to attend at the Chest Clinics held at Worthing Hospital. They also made 101 visits to patients in their own homes.

The Worthing Area Committee of the Sussex Rural Community Council has met quarterly and has been instrumental in helping a number of patients and their families.

2. *Care and After-Care :*

Close liaison exists between the Hospital Almoners, the County Care Almoner and the Health Visitors, and numerous visits were made to chronic sick cases and aged persons (see Health Visitors' statistical table).

3. *Prevention of Illness :*

The Health Visitors continued to play an important part in health education during the year; in addition, exhibition stands relating to various aspects of the Health Services were erected in the clinics, and the Medical Officer of Health either arranged or gave a number of talks to local organisations in the Borough.

SECTION 29. DOMESTIC HELP

This service continues to provide Domestic Help in cases of illness, aged persons, maternity cases and other cases of need. Applications for help are only approved on the recommendation of a doctor or midwife, and all circumstances are carefully investigated in order to assess the amount of help required.

A charge is made for the services of a Domestic Help, the amount being determined according to the financial circumstances of the applicant.

<i>Applications for Assistance</i>	<i>Maternity Cases</i>	<i>Tuber- culosis Cases</i>	<i>Chronic Sick inc. aged & infirm Cases</i>	<i>Other Cases</i>	<i>Total</i>
(a) No. of cases receiving assistance at 1st January, 1958	—	5	243	50	298
(b) No. of new applications received	68	1	197	197	463
(c) No. of cases in (b) assisted	62	1	183	188	434
(d) No. of cases in (b) approved, but for which assistance was not available	—	—	—	—	—
(e) No. of cases in (b) not approved	—	—	—	—	—
(f) No. of applications in (b) withdrawn:					
(i) Before arrangements made	5	—	12	8	25
(ii) After arrangements made	1	—	2	1	4
(g) No. of cases in (a) and (b) completed during the year	58	3	169	178	408
(h) No. of cases receiving assistance at end of year	4	53	257	60	324

Number of Domestic Helps employed at 31st December, 1958:—
(a) Whole-time—1 : (b) Part-time—58.